

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006973.D
 Acq On : 20 Nov 2018 13:48
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 21 02:58:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 02:56:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	119570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	187661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	177433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	90807	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	5879	5.02	ug/l	0.00
Spiked Amount			Recovery	=	10.04%	
35) Dibromofluoromethane	7.88	113	4982	4.70	ug/l	0.00
Spiked Amount			Recovery	=	9.40%	
50) Toluene-d8	10.33	98	23120	4.94	ug/l	0.00
Spiked Amount			Recovery	=	9.88%	
62) 4-Bromofluorobenzene	12.62	95	9336	5.07	ug/l	0.00
Spiked Amount			Recovery	=	10.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	5469	4.633	ug/l	94
3) Chloromethane	2.21	50	4342	4.413	ug/l	96
4) Vinyl Chloride	2.36	62	4582	4.733	ug/l	92
5) Bromomethane	2.78	94	2702	5.230	ug/l	97
6) Chloroethane	2.93	64	2591	4.856	ug/l	92
7) Trichlorofluoromethane	3.26	101	8761	4.603	ug/l	86
8) Diethyl Ether	3.70	74	3119	5.085	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	6509	5.275	ug/l	96
10) Methyl Iodide	4.28	142	5866	4.153	ug/l	99
11) Tert butyl alcohol	5.21	59	1327	17.667	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	5400	4.990	ug/l	97
13) Acrolein	3.91	56	1794	22.923	ug/l	99
14) Allyl chloride	4.68	41	8718	4.857	ug/l	98
15) Acrylonitrile	5.38	53	5389	23.378	ug/l	99
16) Acetone	4.15	43	4435	26.094	ug/l	90
17) Carbon Disulfide	4.39	76	15544	4.442	ug/l #	94
18) Methyl Acetate	4.69	43	3670	6.064	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	13290	4.703	ug/l	99
20) Methylene Chloride	4.92	84	13523	8.051	ug/l	98
21) trans-1,2-Dichloroethene	5.44	96	6353	5.039	ug/l	86
22) Diisopropyl ether	6.32	45	16629	4.759	ug/l	97
23) Vinyl Acetate	6.26	43	40533	21.846	ug/l	99
24) 1,1-Dichloroethane	6.23	63	10533	4.955	ug/l	98
25) 2-Butanone	7.18	43	7467	25.651	ug/l	98
26) 2,2-Dichloropropane	7.18	77	10145	5.308	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	6450	4.804	ug/l	93
28) Bromochloromethane	7.52	49	4199	5.286	ug/l #	97
29) Tetrahydrofuran	7.54	42	4594	24.368	ug/l	95
30) Chloroform	7.68	83	11786	5.219	ug/l	92
31) Cyclohexane	7.96	56	12916	5.729	ug/l #	84
32) 1,1,1-Trichloroethane	7.88	97	10032	4.932	ug/l	99
36) 1,1-Dichloropropene	8.09	75	9514	5.188	ug/l	99
37) Ethyl Acetate	7.27	43	3285	4.943	ug/l #	97
38) Carbon Tetrachloride	8.07	117	8682	4.944	ug/l	95

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 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 21 02:58:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	11185	4.874	ug/l	98
40) Benzene	8.33	78	24200	4.889	ug/l	93
41) Methacrylonitrile	7.50	41	1963	4.757	ug/l	98
42) 1,2-Dichloroethane	8.40	62	7364	5.124	ug/l	99
43) Isopropyl Acetate	8.43	43	5848	4.618	ug/l	98
44) Trichloroethene	9.10	130	6998	5.043	ug/l	95
45) 1,2-Dichloropropane	9.38	63	6079	4.982	ug/l #	84
46) Dibromomethane	9.46	93	2923	4.783	ug/l	99
47) Bromodichloromethane	9.65	83	8041	4.994	ug/l #	88
48) Methyl methacrylate	9.45	41	3025	4.954	ug/l	89
49) 1,4-Dioxane	9.48	88	865	95.237	ug/l #	56
51) 4-Methyl-2-Pentanone	10.21	43	15825	24.728	ug/l	100
52) Toluene	10.39	92	16650	4.942	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	7119	4.564	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	8821	4.681	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	4628	5.148	ug/l	91
56) Ethyl methacrylate	10.65	69	4530	4.341	ug/l	97
57) 1,3-Dichloropropane	10.94	76	7161	4.753	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	14075	25.810	ug/l	97
59) 2-Hexanone	10.98	43	10015	22.852	ug/l	99
60) Dibromochloromethane	11.13	129	4631	4.520	ug/l	98
61) 1,2-Dibromoethane	11.24	107	3853	4.685	ug/l	97
64) Tetrachloroethene	10.87	164	5898	5.167	ug/l	96
65) Chlorobenzene	11.66	112	17809	4.809	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	5351	4.777	ug/l	95
67) Ethyl Benzene	11.73	91	33635	4.944	ug/l	98
68) m/p-Xylenes	11.84	106	26345	9.870	ug/l	100
69) o-Xylene	12.17	106	12685	5.040	ug/l	94
70) Styrene	12.18	104	18955	4.732	ug/l	99
71) Bromoform	12.35	173	2372	4.495	ug/l #	99
73) Isopropylbenzene	12.47	105	33639	4.766	ug/l	99
74) N-amyl acetate	12.28	43	5165	4.367	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	4610	4.908	ug/l	93
76) 1,2,3-Trichloropropane	12.77	75	6303	5.363	ug/l #	100
77) Bromobenzene	12.75	156	7309	4.822	ug/l	97
78) n-propylbenzene	12.81	91	41449	4.849	ug/l	100
79) 2-Chlorotoluene	12.90	91	24253	4.920	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	29612	4.852	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	1251	4.402	ug/l	96
82) 4-Chlorotoluene	12.99	91	25100	4.852	ug/l	98
83) tert-Butylbenzene	13.21	119	25851	4.893	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	28716	4.723	ug/l	99
85) sec-Butylbenzene	13.39	105	36026	4.826	ug/l	99
86) p-Isopropyltoluene	13.50	119	32365	4.915	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	15695	5.072	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	15269	4.949	ug/l	92
89) n-Butylbenzene	13.83	91	28803	4.648	ug/l	99
90) Hexachloroethane	14.10	117	4569	4.752	ug/l	91
91) 1,2-Dichlorobenzene	13.88	146	13540	4.993	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	605	3.814	ug/l	91

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Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Quant Time: Nov 21 02:58:43 2018
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Quant Title : SW846 8260
QLast Update : Wed Nov 21 02:56:06 2018
Response via : Initial Calibration

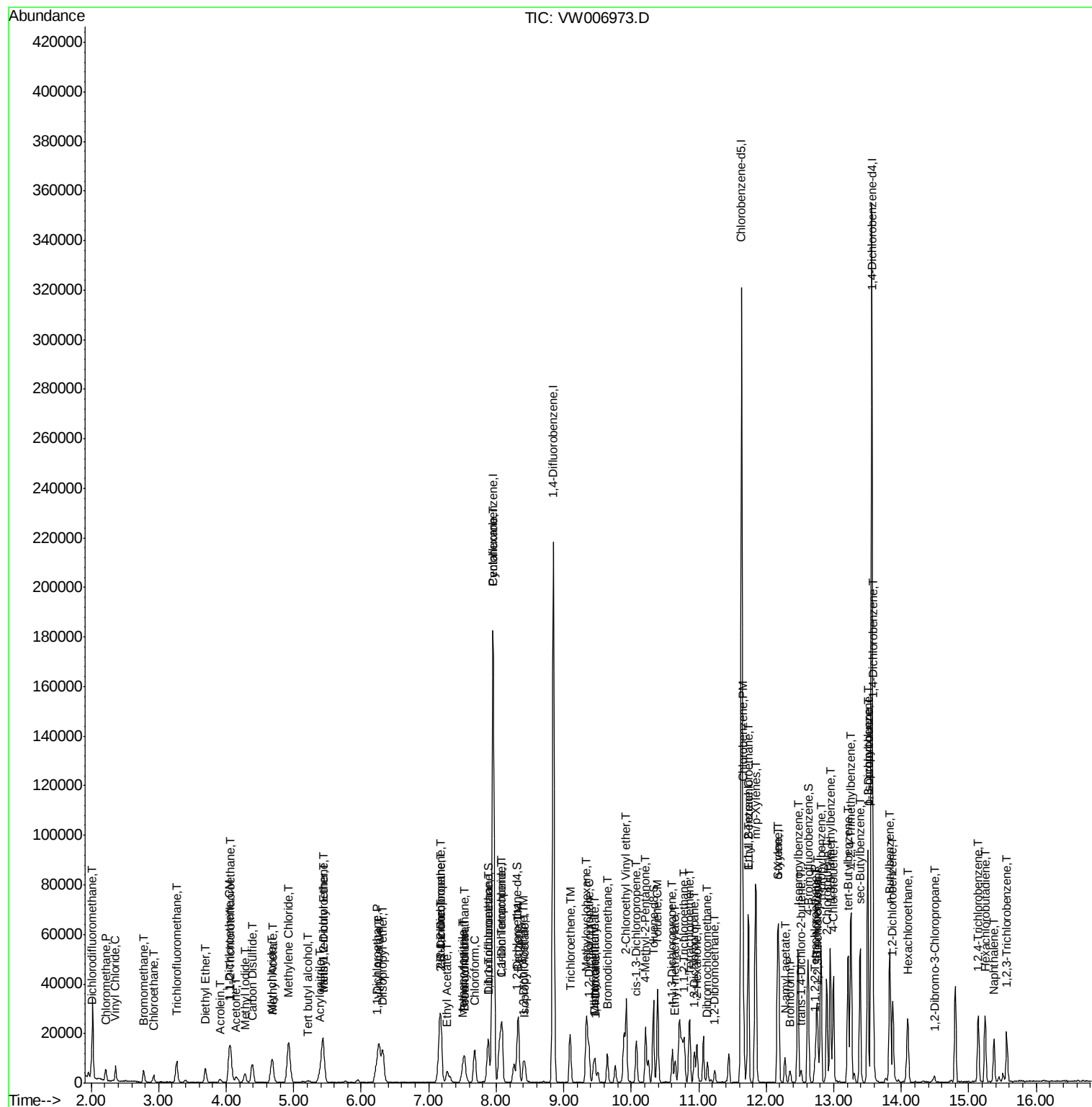
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	8459	4.731	ug/l	96
94) Hexachlorobutadiene	15.24	225	4812	4.950	ug/l	99
95) Naphthalene	15.38	128	15063	4.641	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	6913	4.660	ug/l	99

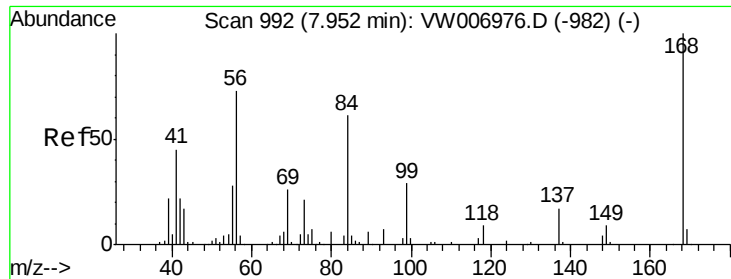
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
Data File : VW006973.D
Acq On : 20 Nov 2018 13:48
Operator : SY/AP
Sample : VSTDIC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Quant Time: Nov 21 02:58:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 02:56:06 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

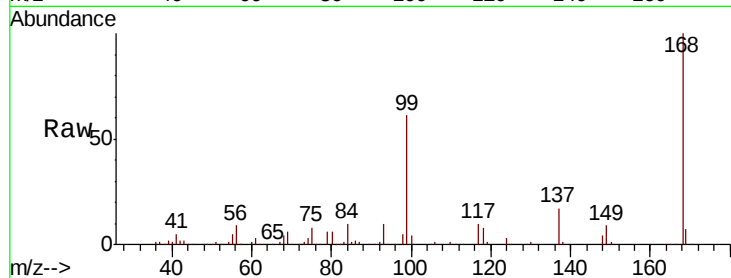
VSTDIC005

Tgt Ion:168 Resp: 119570

Ion Ratio Lower Upper

168 100

99 60.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

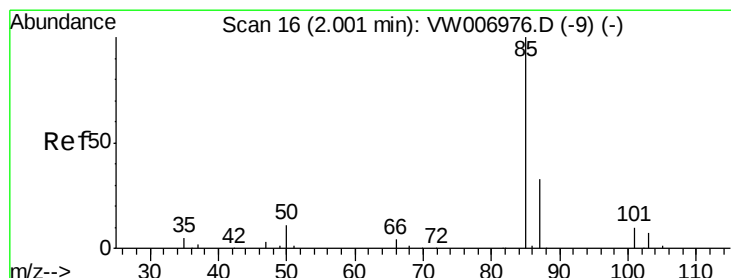
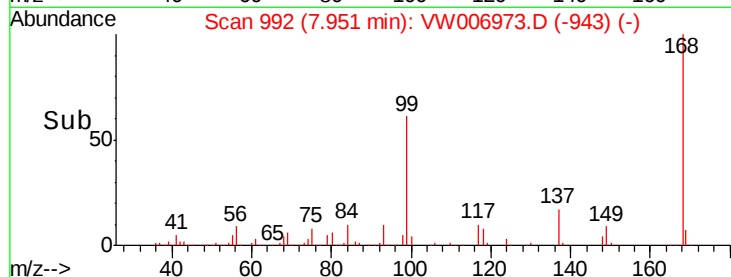
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.633 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006973.D

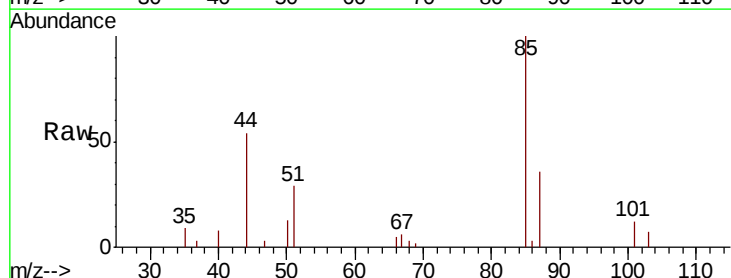
Acq: 20 Nov 2018 13:48

Tgt Ion: 85 Resp: 5469

Ion Ratio Lower Upper

85 100

87 35.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

4000

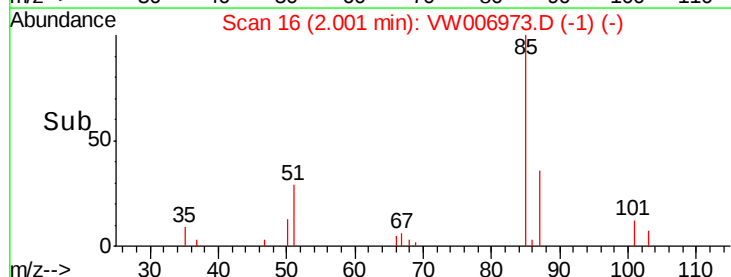
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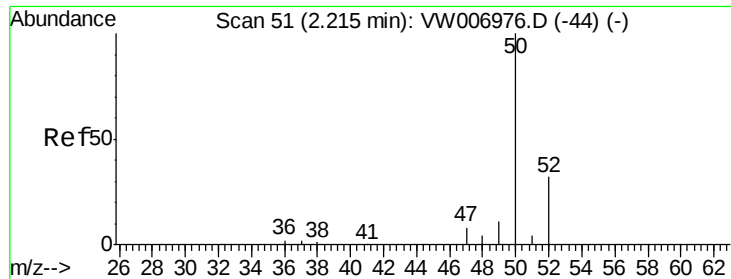
2000

1000

0

Time-->





#3

Chloromethane

Concen: 4.413 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

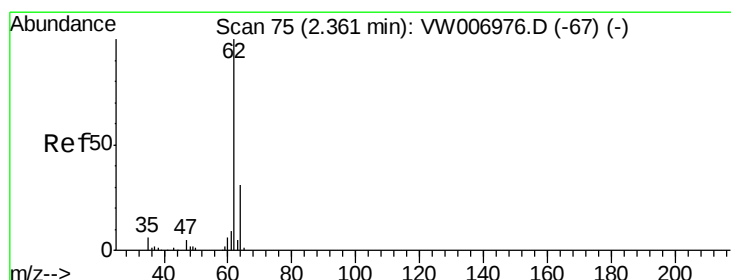
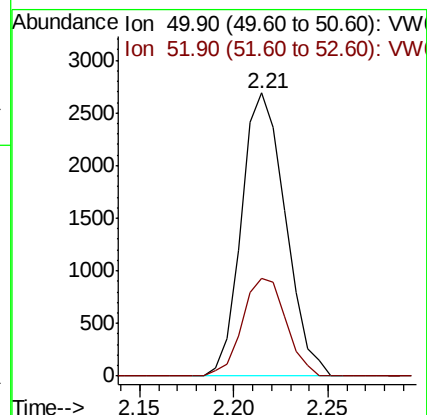
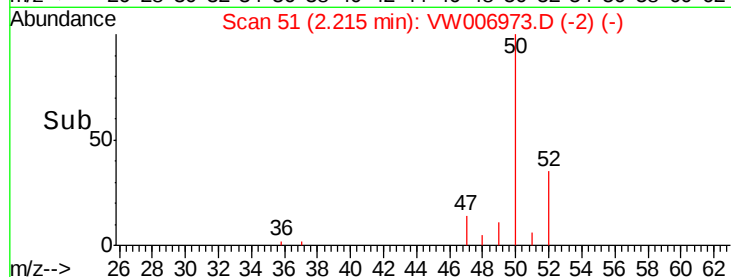
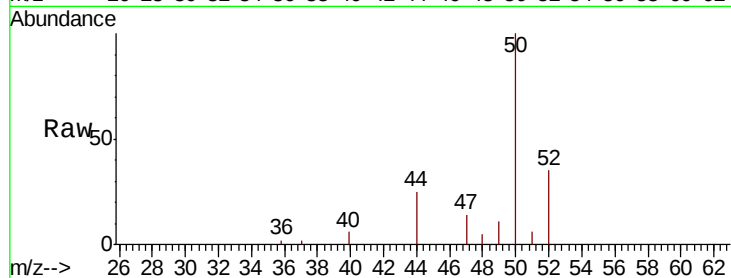
VSTDIC005

Tgt Ion: 50 Resp: 4342

Ion Ratio Lower Upper

50 100

52 34.6 25.7 38.5



#4

Vinyl Chloride

Concen: 4.733 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006973.D

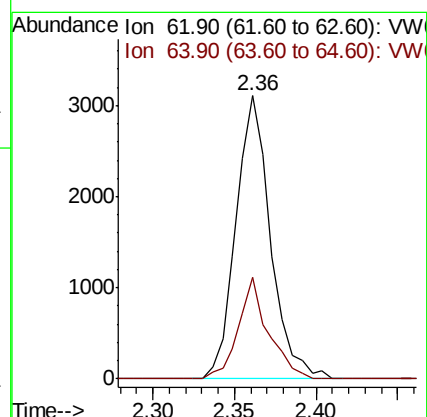
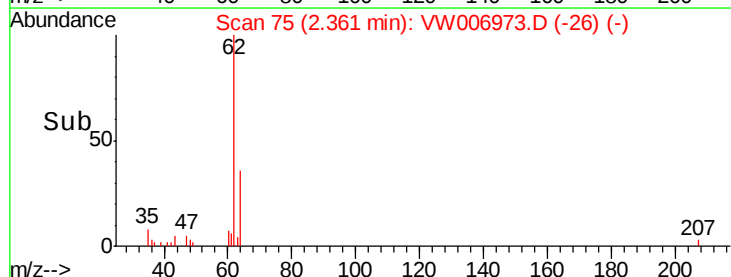
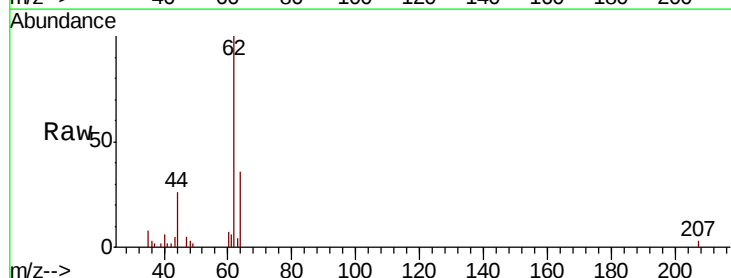
Acq: 20 Nov 2018 13:48

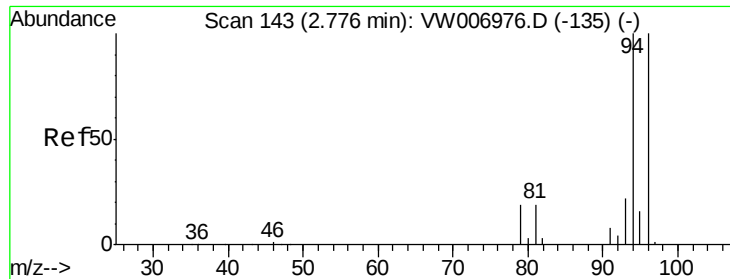
Tgt Ion: 62 Resp: 4582

Ion Ratio Lower Upper

62 100

64 36.1 25.2 37.8





#5

Bromomethane

Concen: 5.230 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

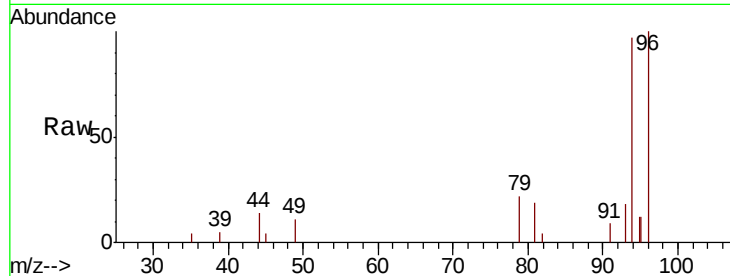
VSTDIC005

Tgt Ion: 94 Resp: 2702

Ion Ratio Lower Upper

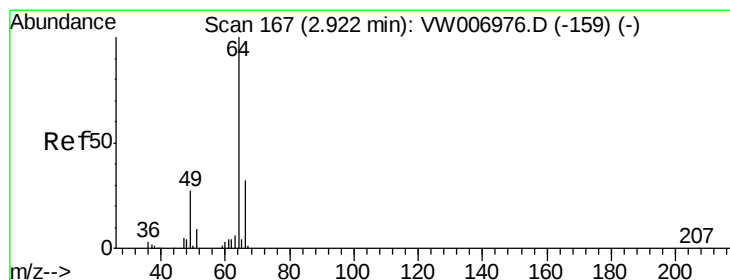
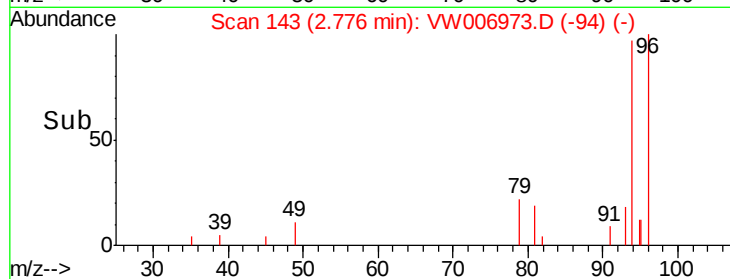
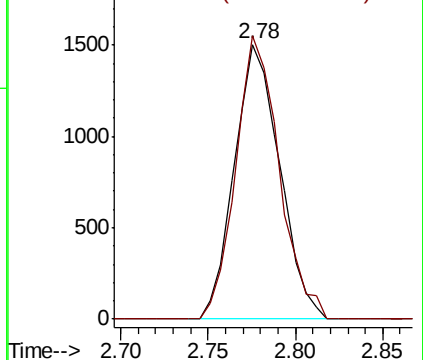
94 100

96 103.1 80.2 120.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 4.856 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW006973.D

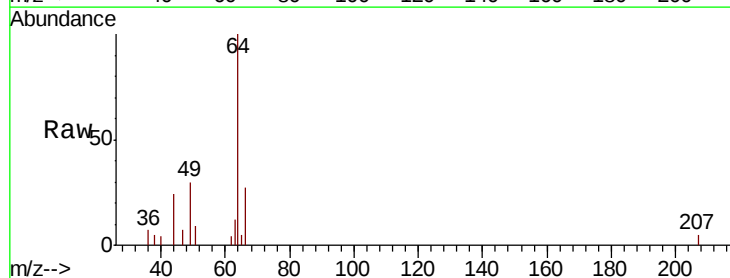
Acq: 20 Nov 2018 13:48

Tgt Ion: 64 Resp: 2591

Ion Ratio Lower Upper

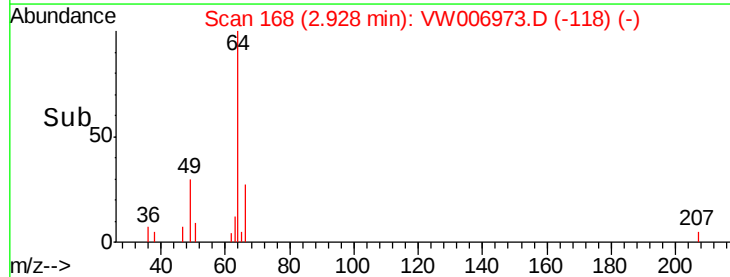
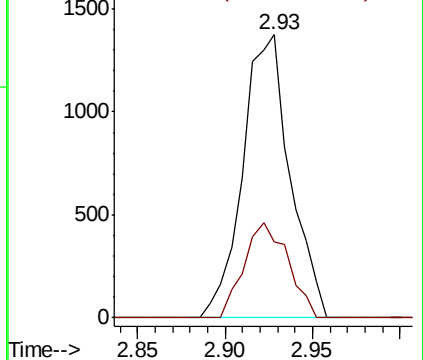
64 100

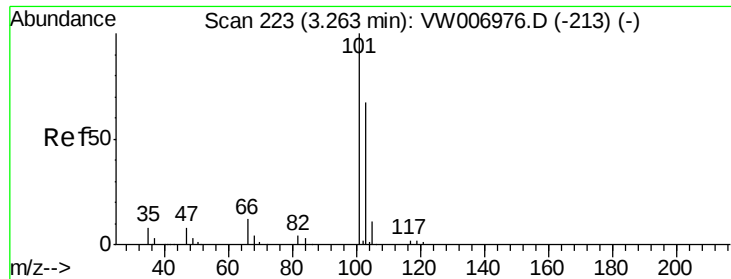
66 26.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



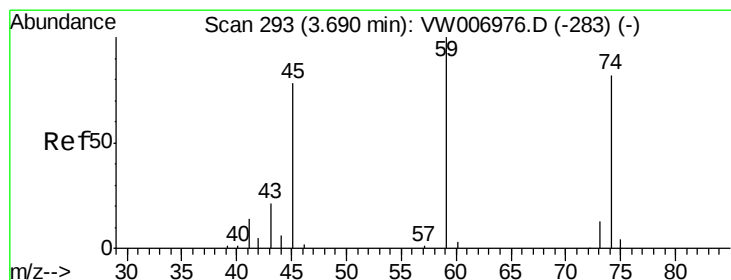
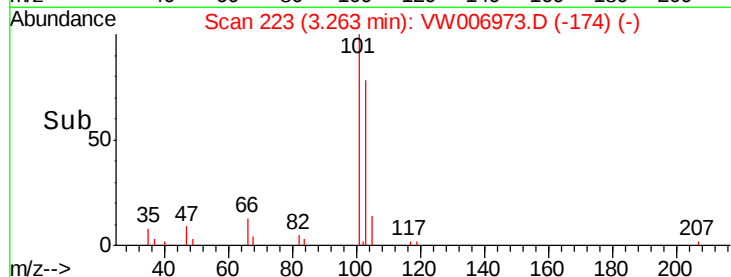
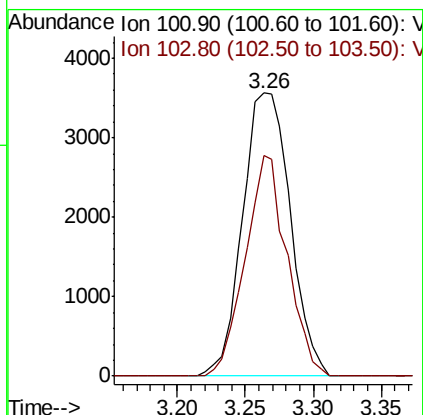
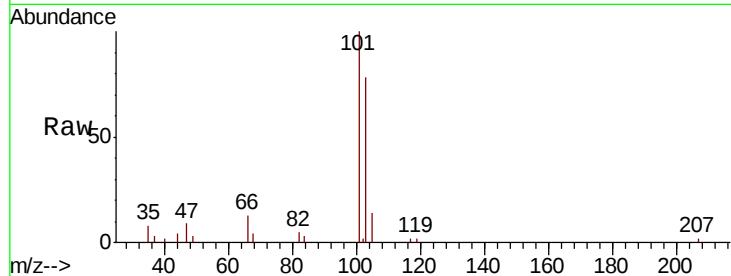


#7

Trichlorofluoromethane
Concen: 4.603 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

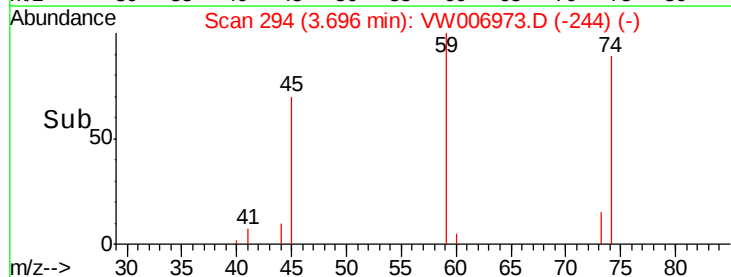
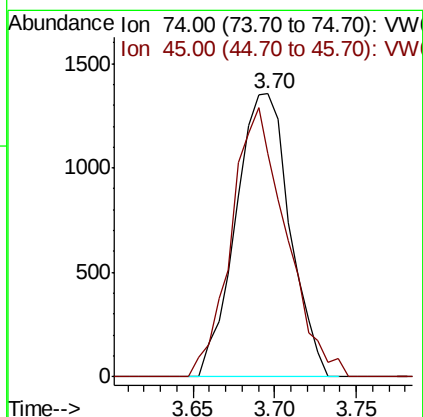
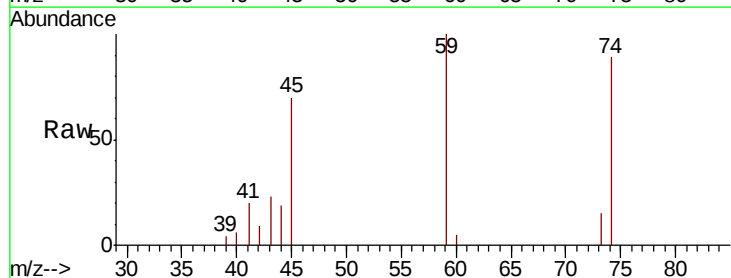
Tgt Ion: 101 Resp: 8761
Ion Ratio Lower Upper
101 100
103 78.0 53.4 80.2



#8

Diethyl Ether
Concen: 5.085 ug/l
RT: 3.70 min Scan# 294
Delta R.T. 0.01 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Tgt Ion: 74 Resp: 3119
Ion Ratio Lower Upper
74 100
45 96.3 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.275 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

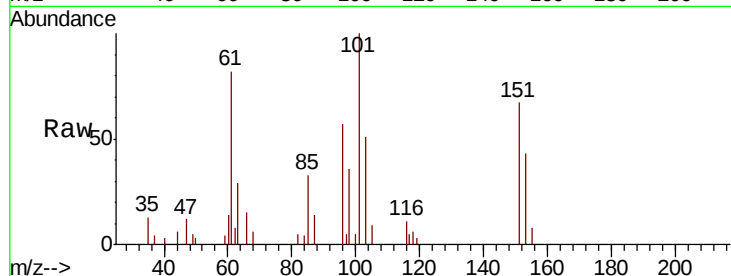
Tgt Ion:101 Resp: 6509

Ion Ratio Lower Upper

101 100

85 38.1 34.3 51.5

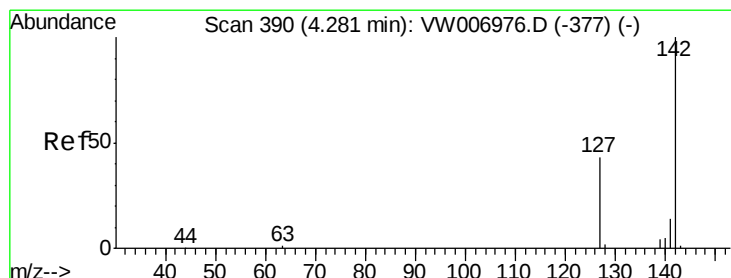
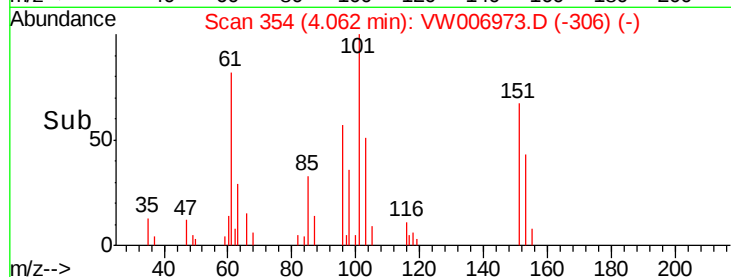
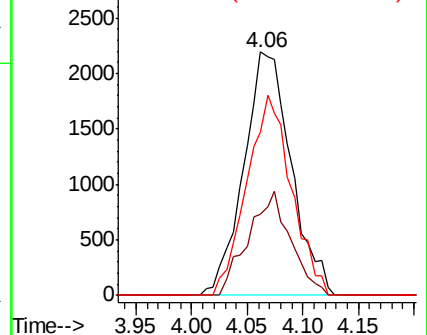
151 77.3 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.153 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

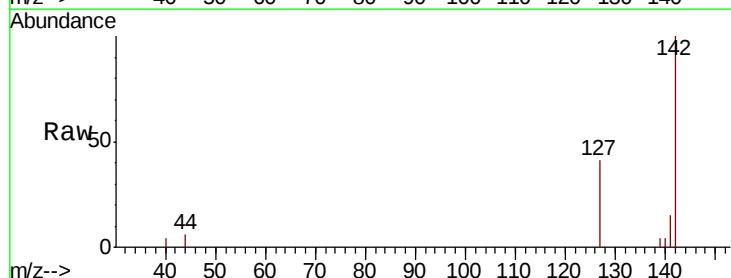
Tgt Ion:142 Resp: 5866

Ion Ratio Lower Upper

142 100

127 43.1 35.3 52.9

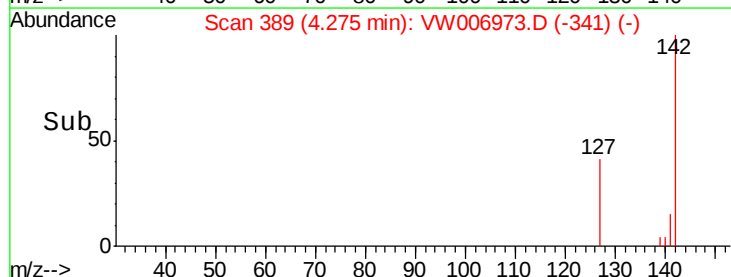
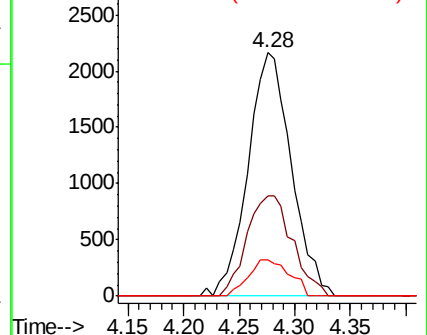
141 14.2 11.7 17.5

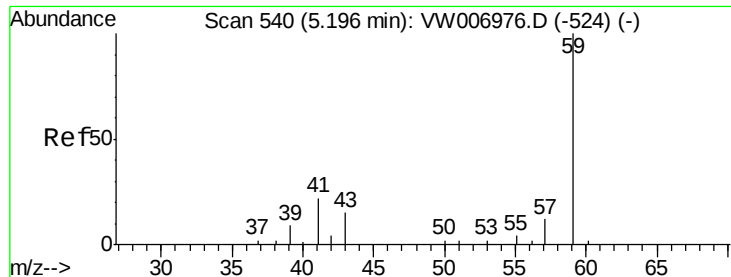


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

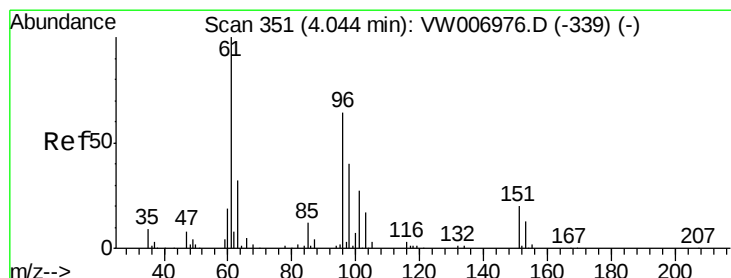
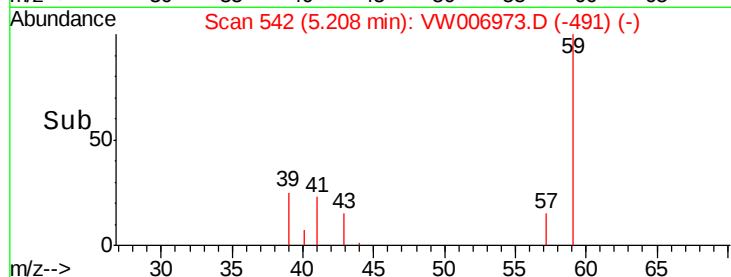
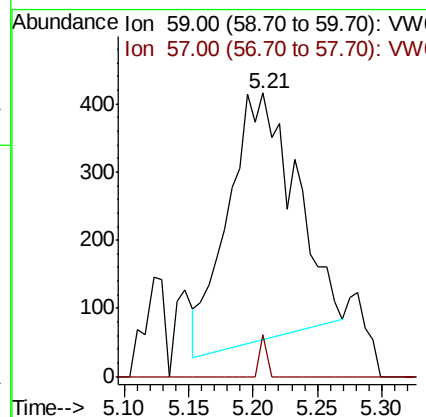
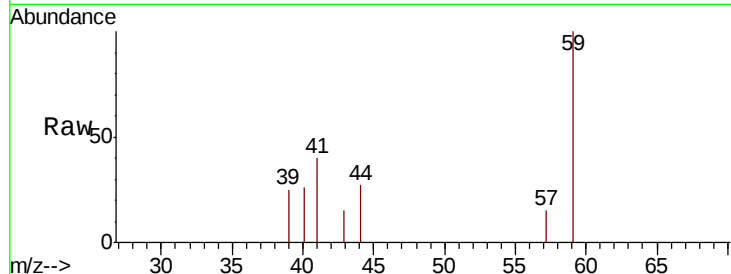




#11
Tert butyl alcohol
Concen: 17.667 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.01 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

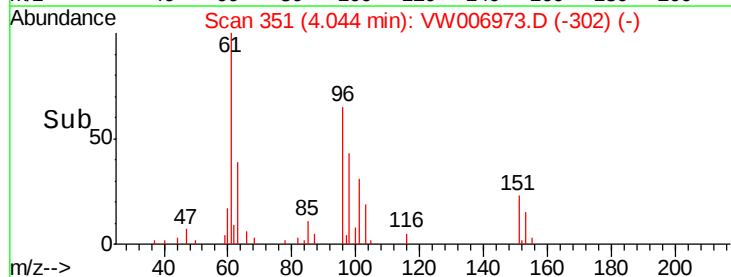
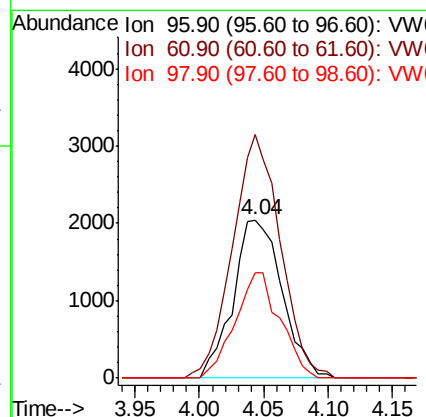
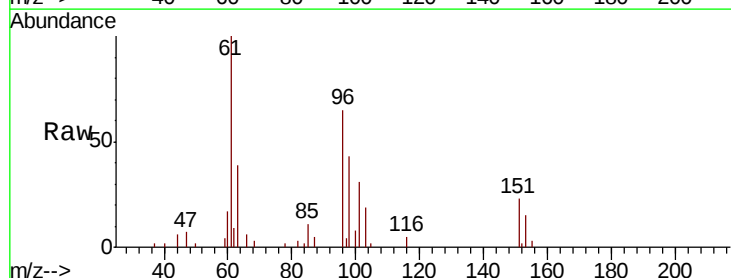
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

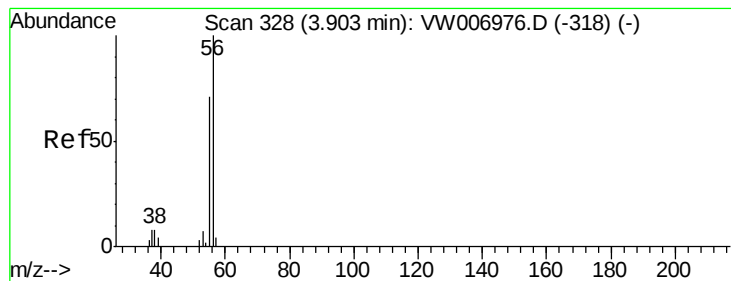
Tgt Ion: 59 Resp: 1327
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 4.990 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Tgt Ion: 96 Resp: 5400
Ion Ratio Lower Upper
96 100
61 153.6 124.3 186.5
98 66.5 49.4 74.2





#13

Acrolein

Concen: 22.923 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

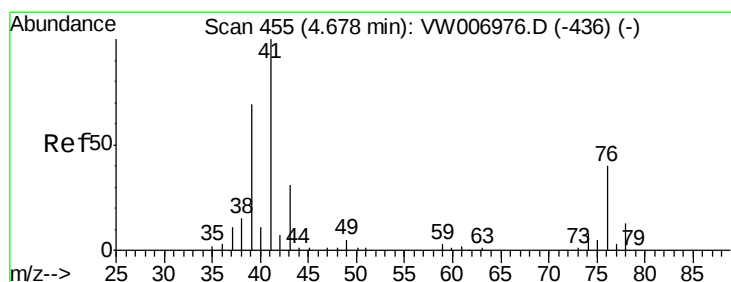
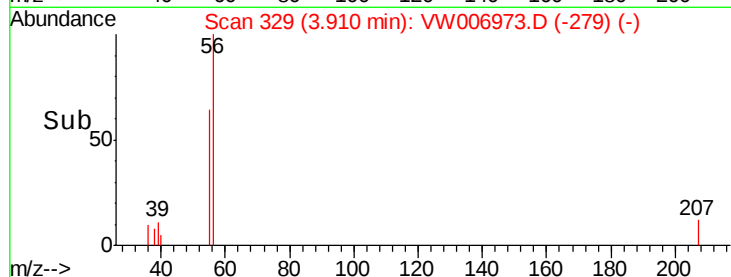
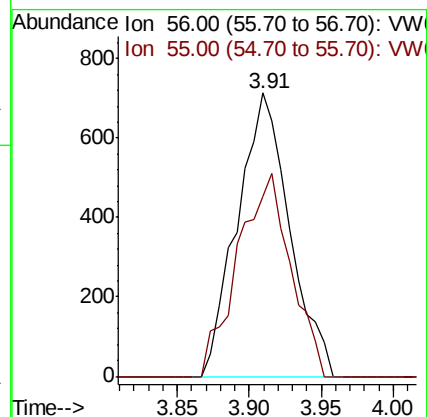
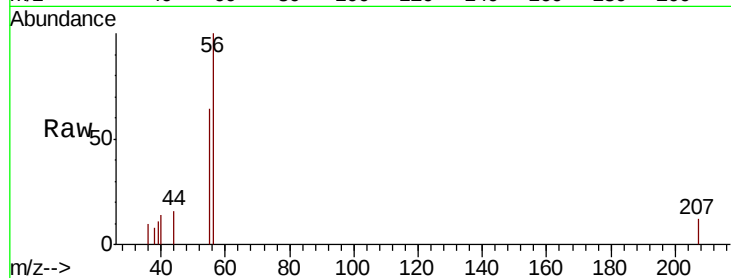
VSTDIC005

Tgt Ion: 56 Resp: 1794

Ion Ratio Lower Upper

56 100

55 72.7 57.5 86.3



#14

Allyl chloride

Concen: 4.857 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

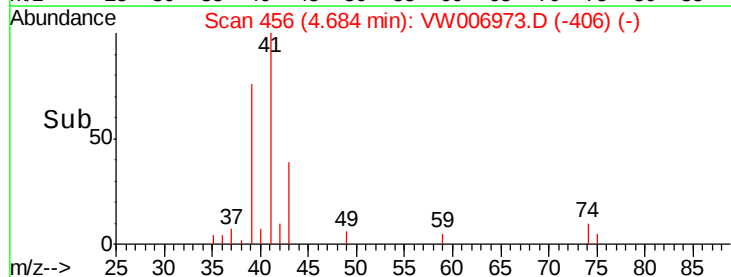
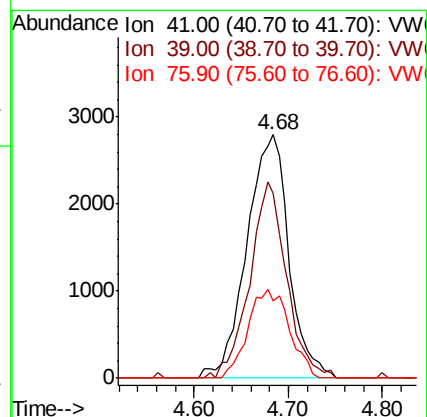
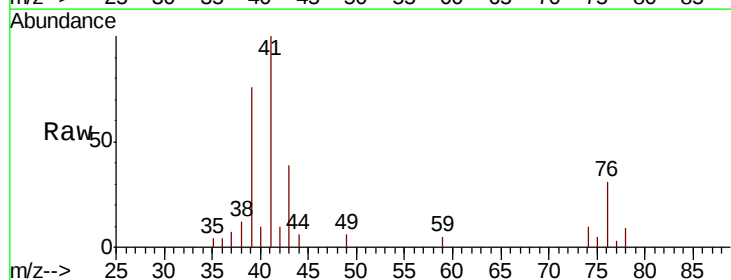
Tgt Ion: 41 Resp: 8718

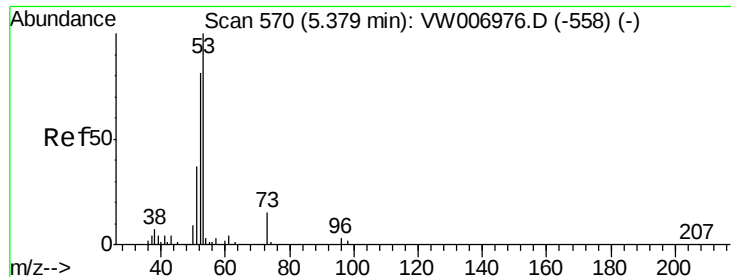
Ion Ratio Lower Upper

41 100

39 70.4 55.4 83.2

76 35.7 29.6 44.4





#15

Acrylonitrile

Concen: 23.378 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

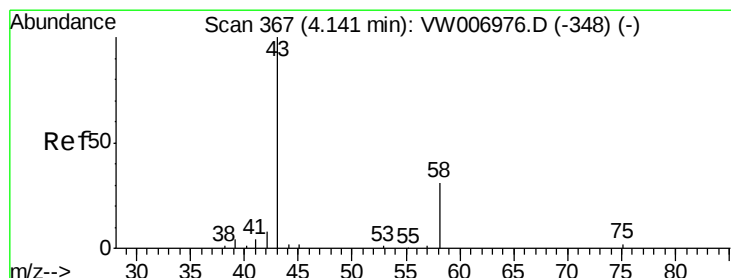
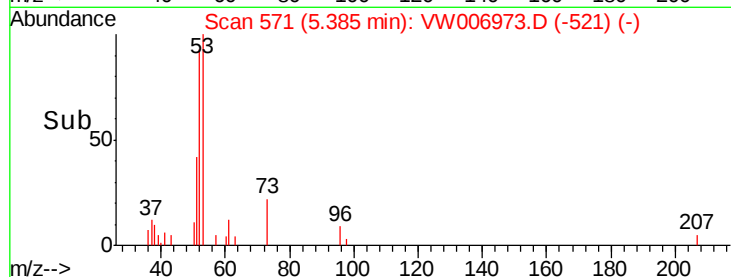
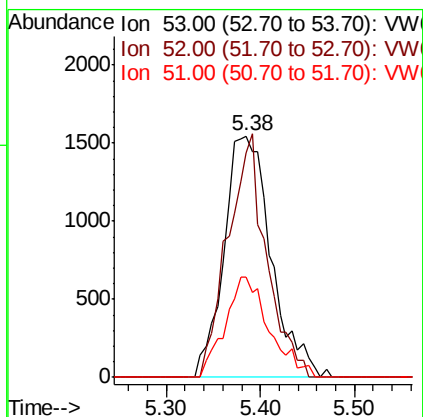
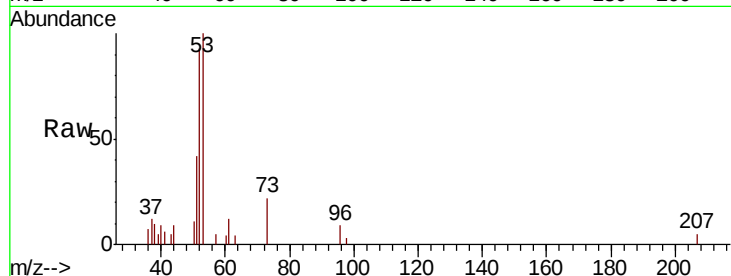
Tgt Ion: 53 Resp: 5389

Ion Ratio Lower Upper

53 100

52 82.4 65.7 98.5

51 38.9 29.9 44.9



#16

Acetone

Concen: 26.094 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006973.D

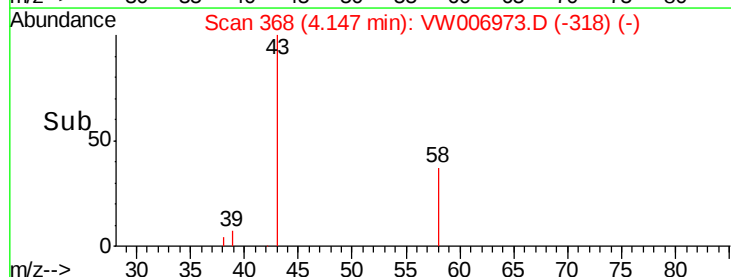
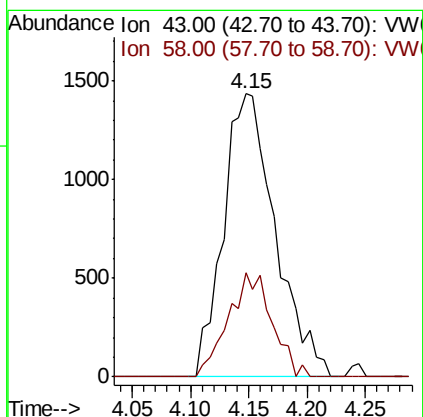
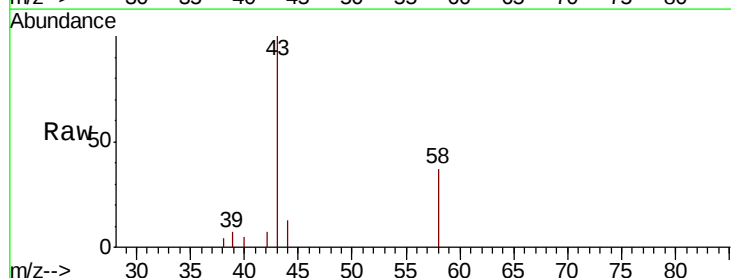
Acq: 20 Nov 2018 13:48

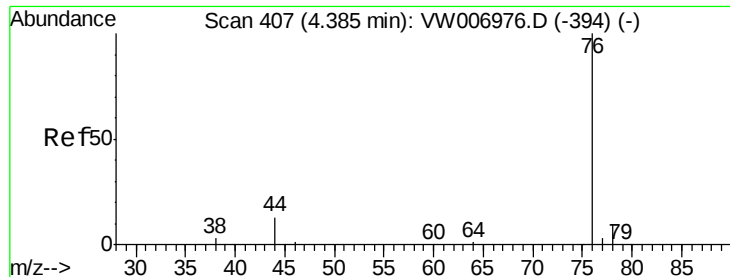
Tgt Ion: 43 Resp: 4435

Ion Ratio Lower Upper

43 100

58 36.7 24.8 37.2

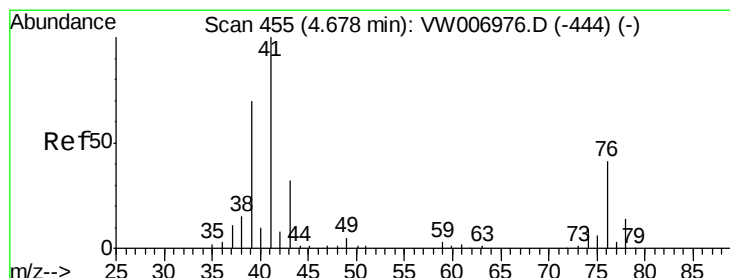
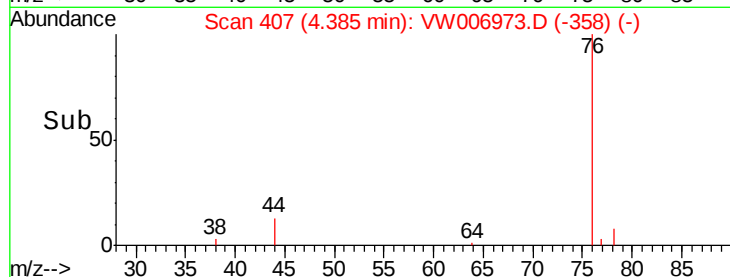
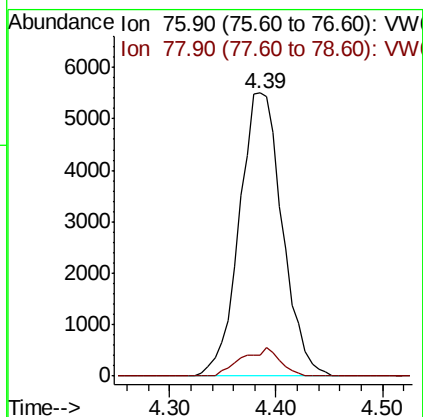
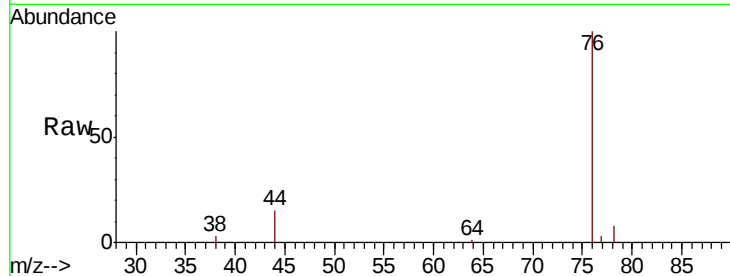




#17
Carbon Disulfide
Concen: 4.442 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

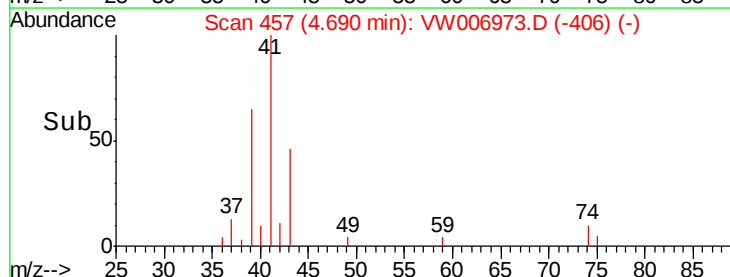
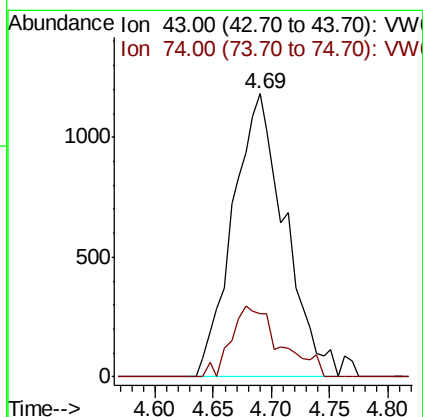
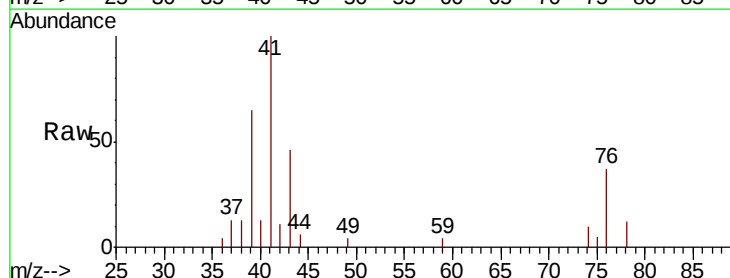
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 15544
Ion Ratio Lower Upper
76 100
78 7.6 7.8 11.6#



#18
Methyl Acetate
Concen: 6.064 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Tgt Ion: 43 Resp: 3670
Ion Ratio Lower Upper
43 100
74 23.7 20.1 30.1

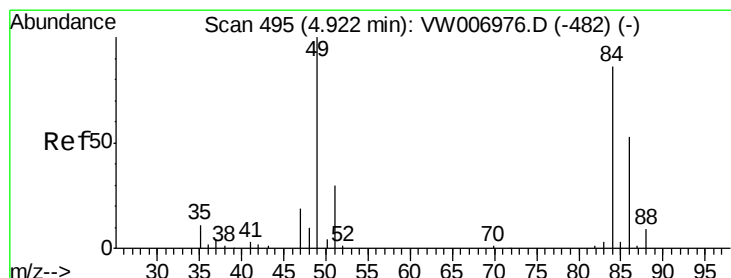
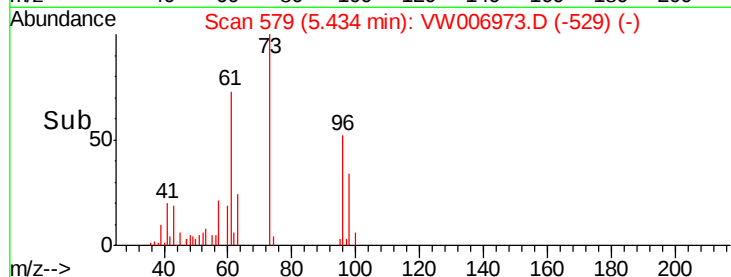
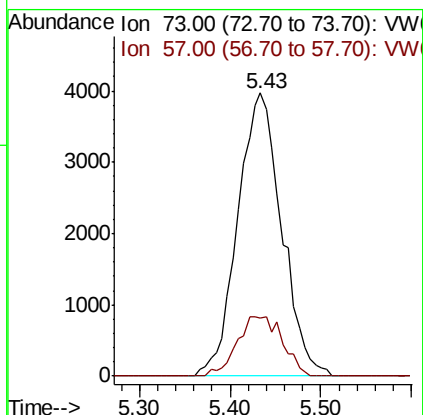
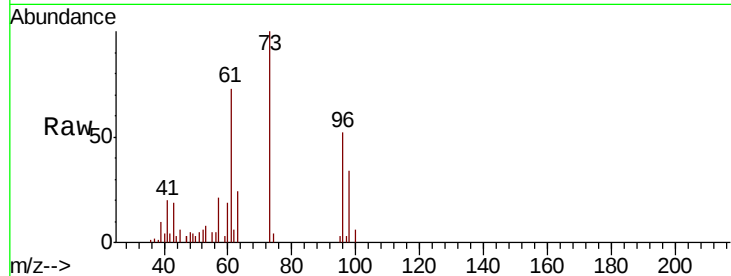




#19
Methyl tert-butyl Ether
Concen: 4.703 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

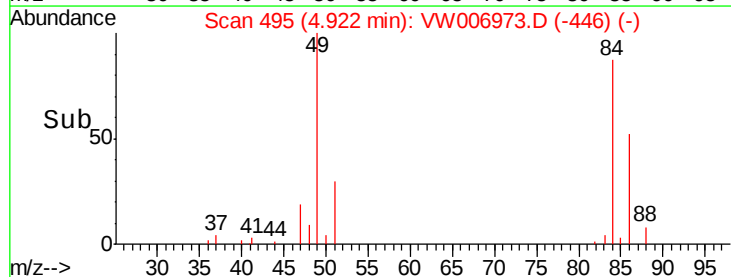
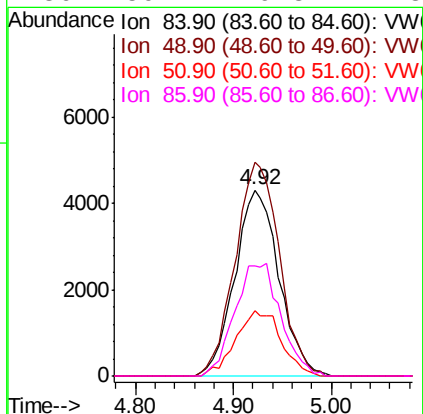
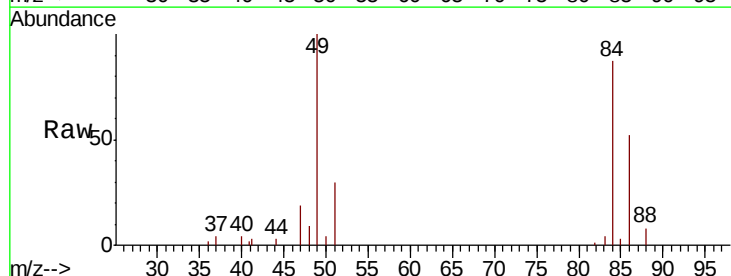
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

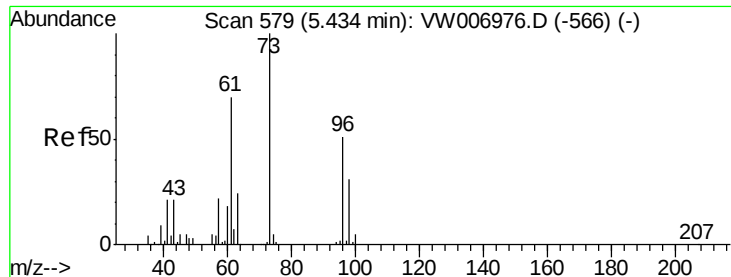
Tgt Ion: 73 Resp: 13290
Ion Ratio Lower Upper
73 100
57 20.6 16.7 25.1



#20
Methylene Chloride
Concen: 8.051 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Tgt Ion: 84 Resp: 13523
Ion Ratio Lower Upper
84 100
49 115.0 93.4 140.0
51 34.9 28.4 42.6
86 59.2 49.8 74.8

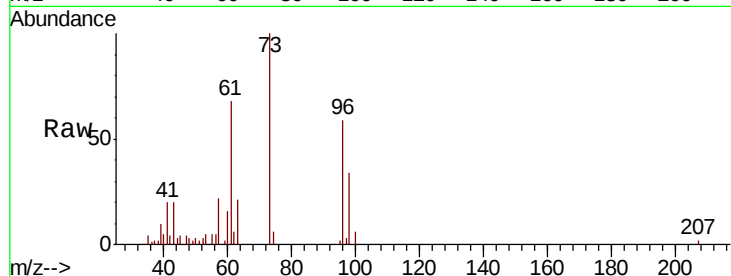




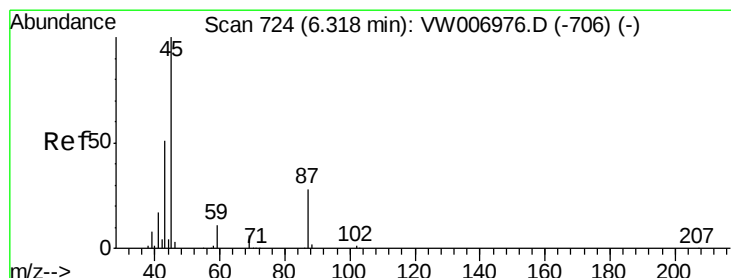
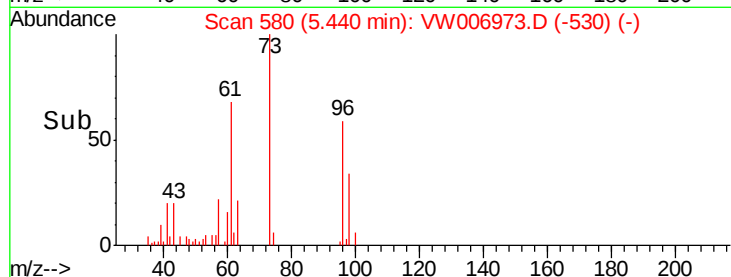
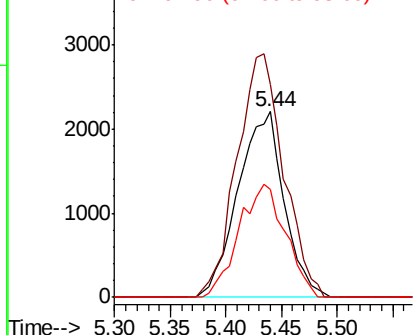
#21
trans-1,2-Dichloroethene
Concen: 5.039 ug/l
RT: 5.44 min Scan# 580
Delta R.T. 0.01 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 6353
Ion Ratio Lower Upper
96 100
61 114.6 109.4 164.0
98 58.2 48.3 72.5

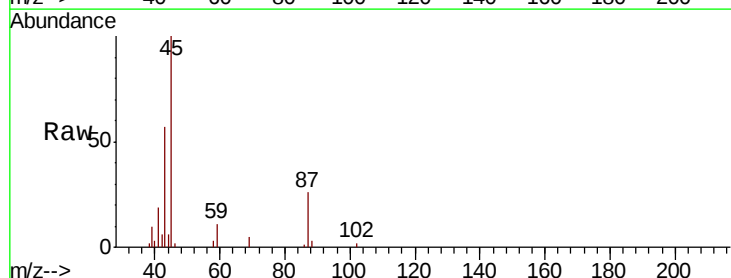


Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW

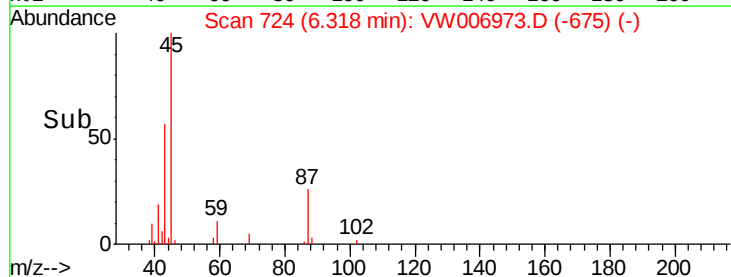
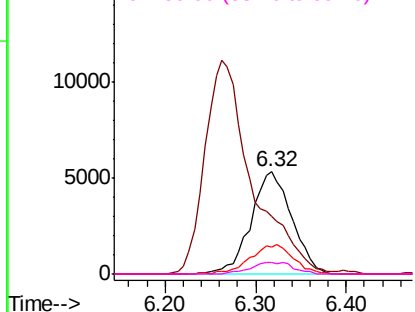


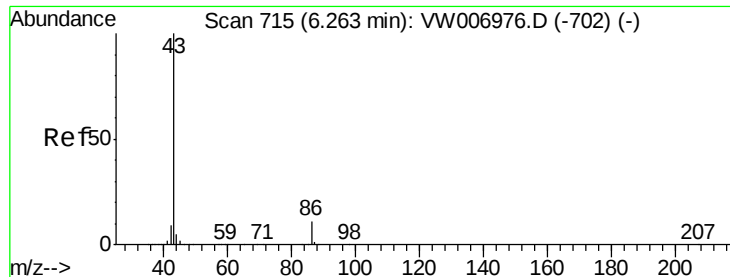
#22
Diisopropyl ether
Concen: 4.759 ug/l
RT: 6.32 min Scan# 724
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Tgt Ion: 45 Resp: 16629
Ion Ratio Lower Upper
45 100
43 54.7 42.5 63.7
87 26.1 22.8 34.2
59 10.8 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 21.846 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

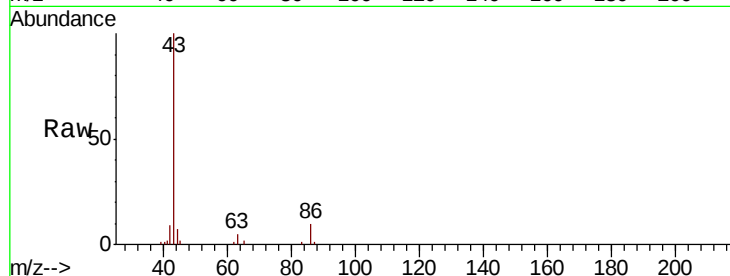
VSTDIC005

Tgt Ion: 43 Resp: 40533

Ion Ratio Lower Upper

43 100

86 10.5 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

12000

10000

8000

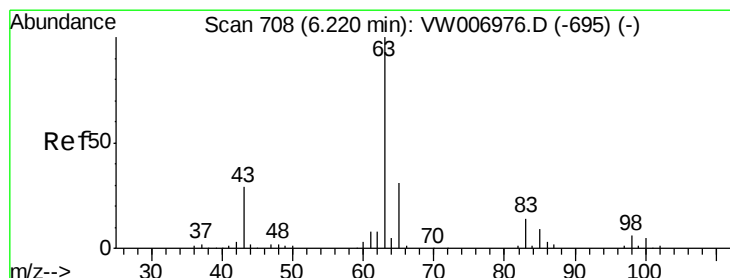
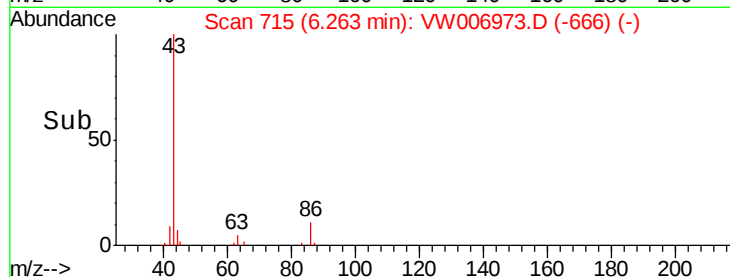
6000

4000

2000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 4.955 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

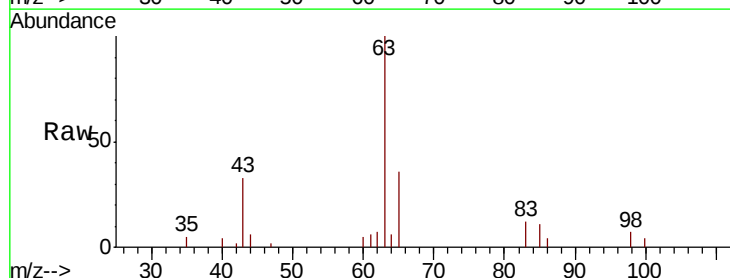
Tgt Ion: 63 Resp: 10533

Ion Ratio Lower Upper

63 100

98 7.0 3.1 9.4

100 4.3 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.23

4000

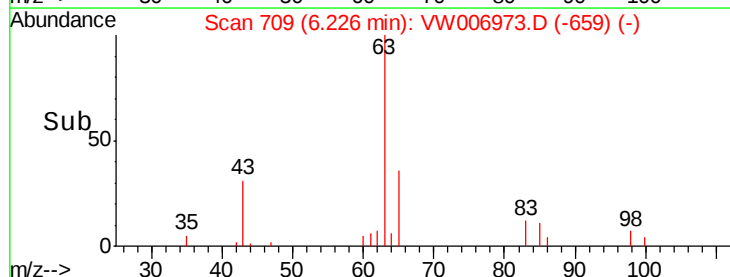
3000

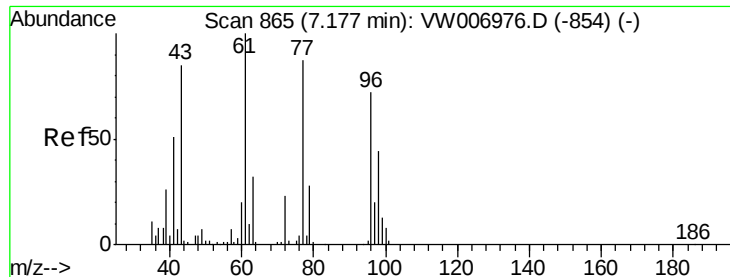
2000

1000

0

Time--> 6.10 6.20 6.30





#25

2-Butanone

Concen: 25.651 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

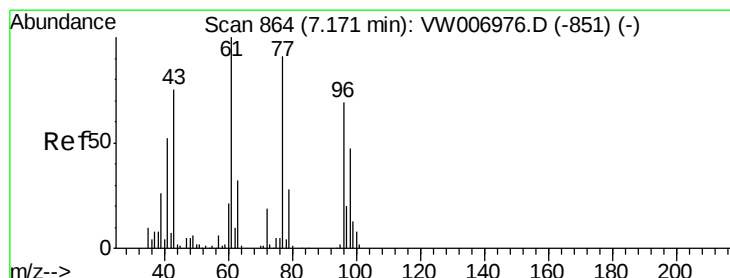
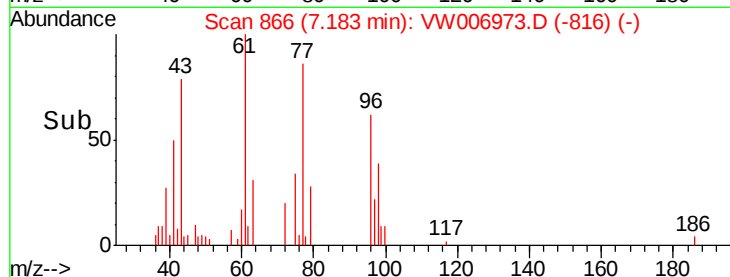
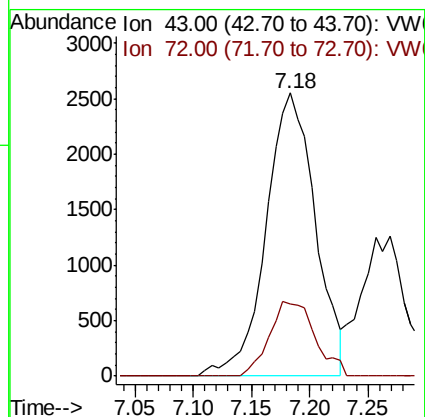
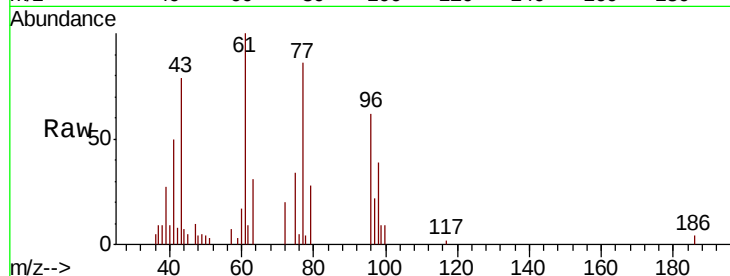
VSTDIC005

Tgt Ion: 43 Resp: 7467

Ion Ratio Lower Upper

43 100

72 25.3 21.3 31.9



#26

2,2-Dichloropropane

Concen: 5.308 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW006973.D

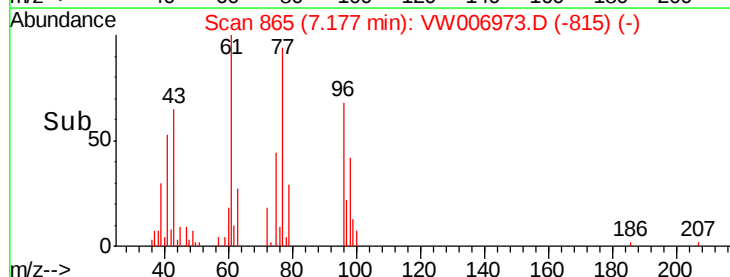
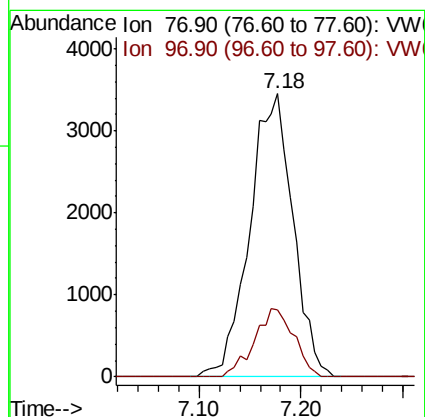
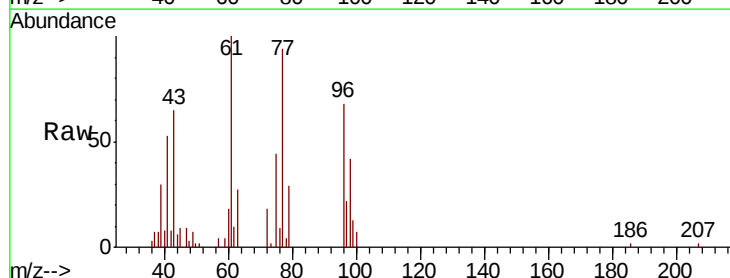
Acq: 20 Nov 2018 13:48

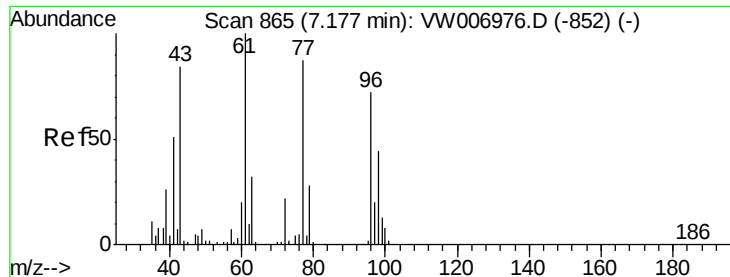
Tgt Ion: 77 Resp: 10145

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.1



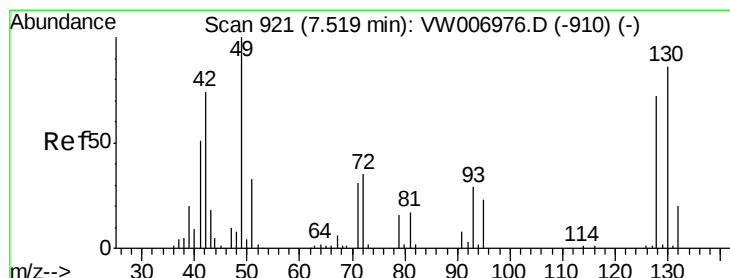
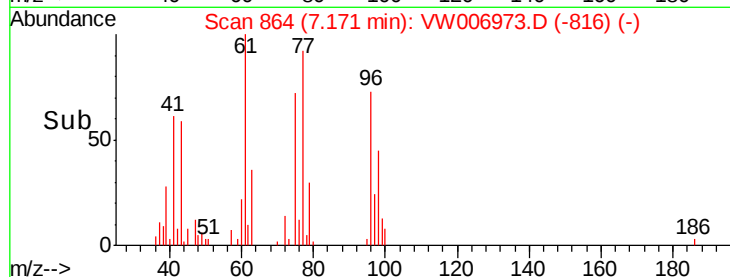
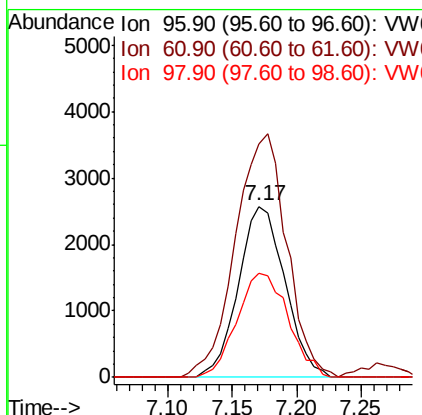
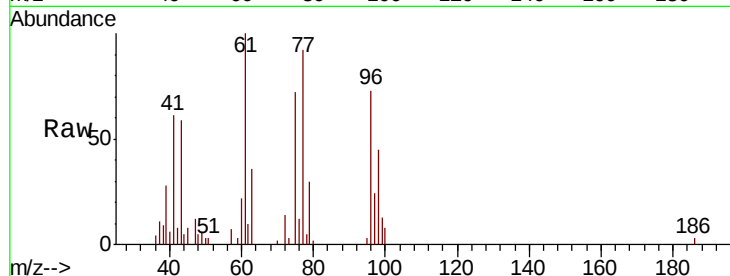


#27

cis-1,2-Dichloroethene
Concen: 4.804 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

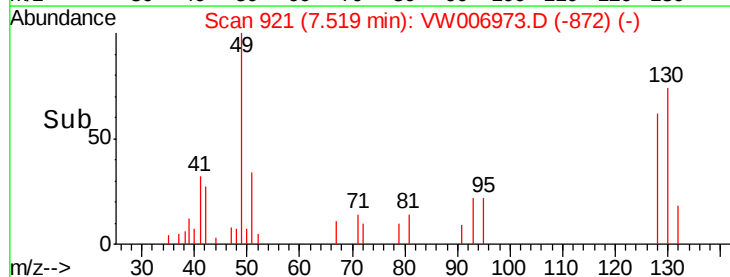
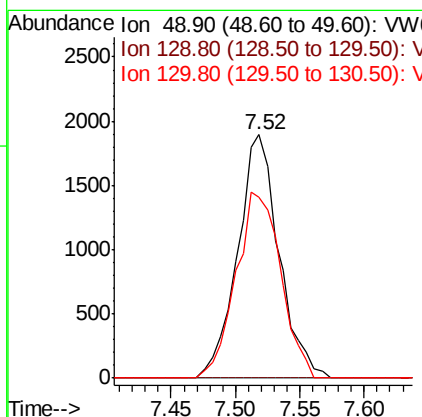
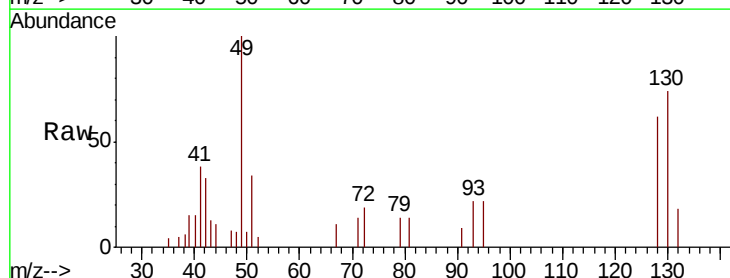
Tgt Ion: 96 Resp: 6450
Ion Ratio Lower Upper
96 100
61 156.8 0.0 292.6
98 67.0 0.0 129.8

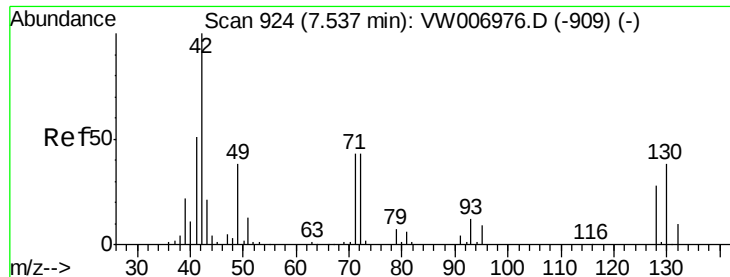


#28

Bromochloromethane
Concen: 5.286 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Tgt Ion: 49 Resp: 4199
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.0
130 83.1 69.0 103.4





#29

Tetrahydrofuran

Concen: 24.368 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

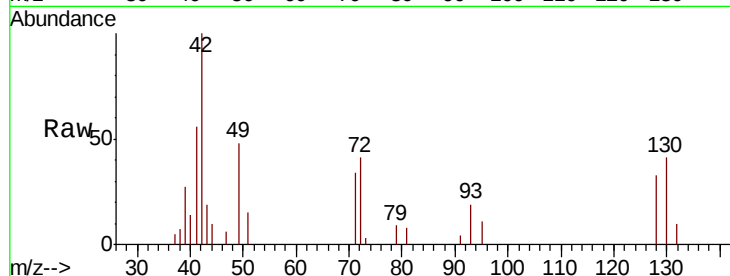
Tgt Ion: 42 Resp: 4594

Ion Ratio Lower Upper

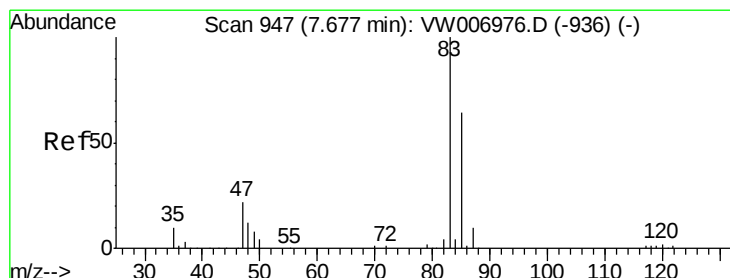
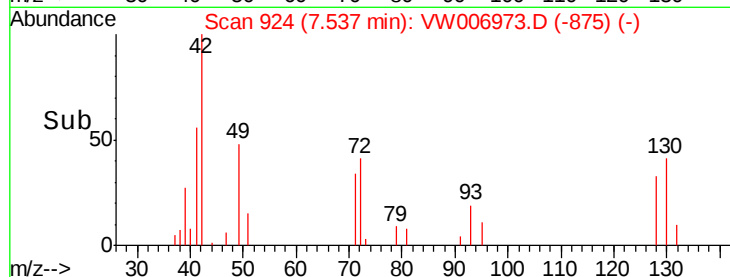
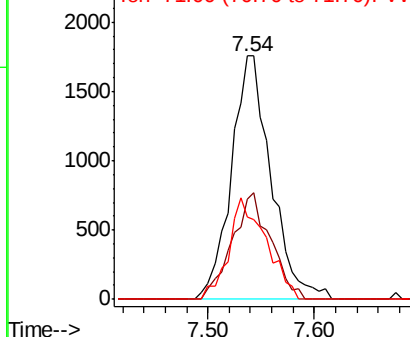
42 100

72 42.4 36.2 54.4

71 39.1 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 5.219 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.01 min

Lab File: VW006973.D

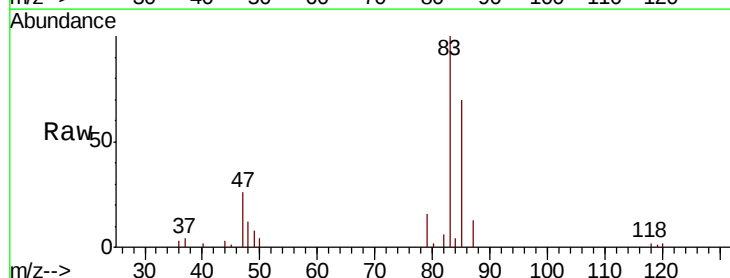
Acq: 20 Nov 2018 13:48

Tgt Ion: 83 Resp: 11786

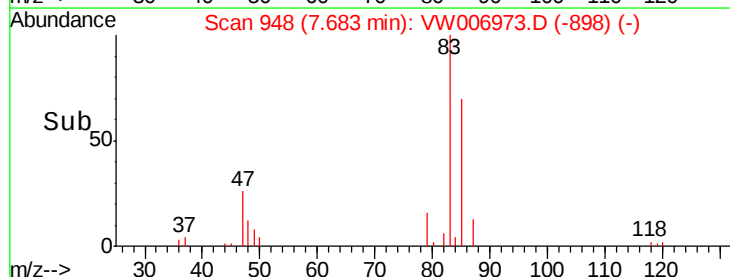
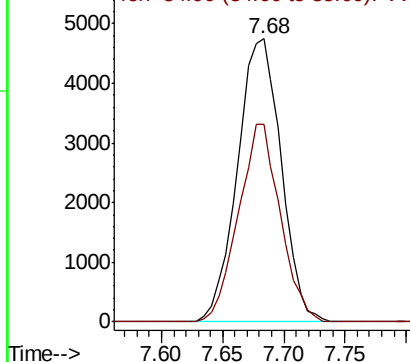
Ion Ratio Lower Upper

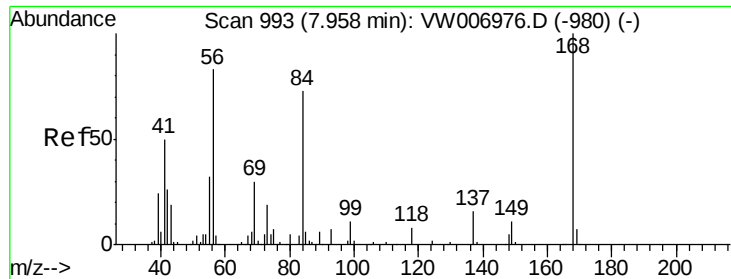
83 100

85 69.7 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

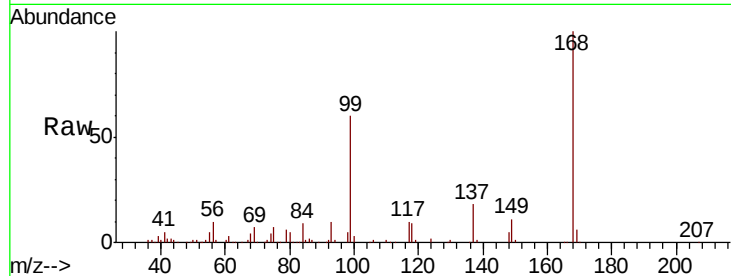




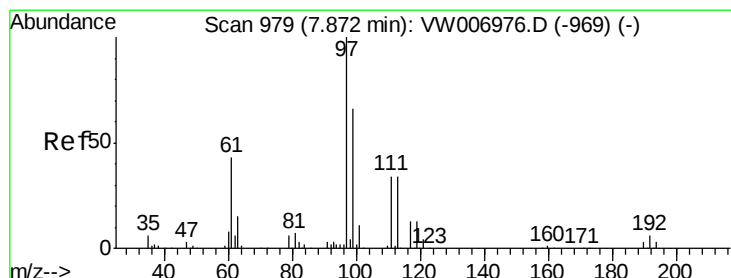
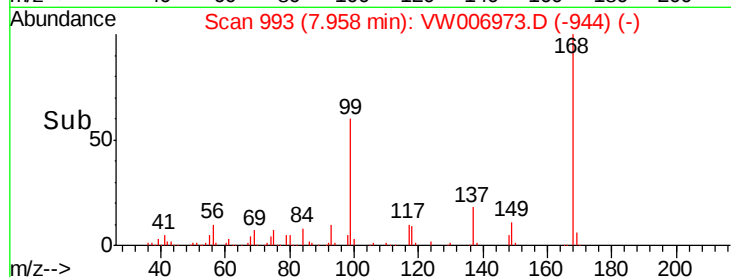
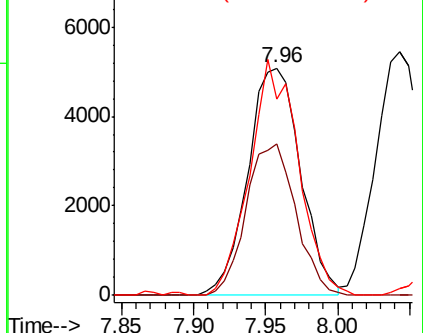
#31
Cyclohexane
Concen: 5.729 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 12916
Ion Ratio Lower Upper
56 100
69 66.9 29.1 43.7#
84 86.4 70.6 105.8

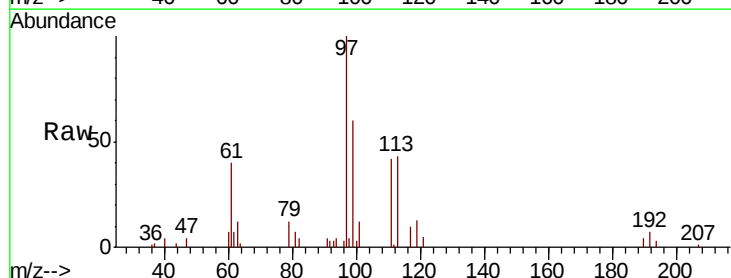


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

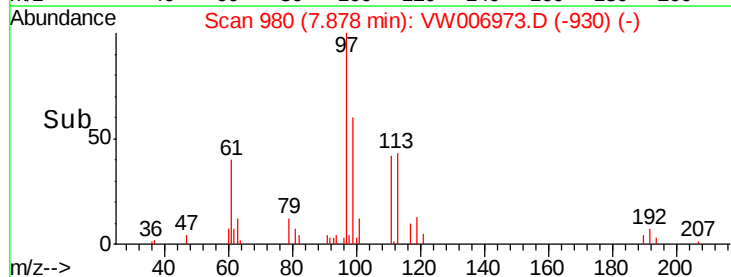
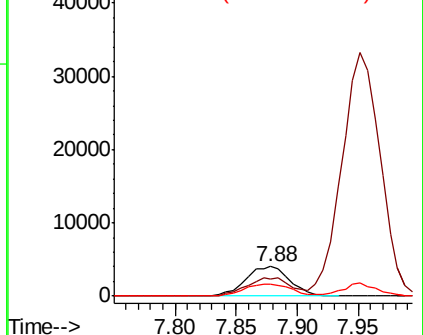


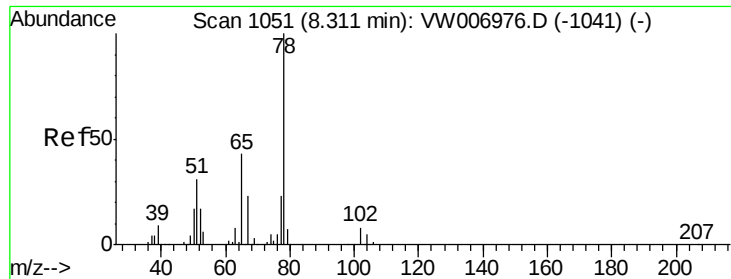
#32
1,1,1-Trichloroethane
Concen: 4.932 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.001 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Tgt Ion: 97 Resp: 10032
Ion Ratio Lower Upper
97 100
99 65.6 51.9 77.9
61 43.0 33.4 50.2



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

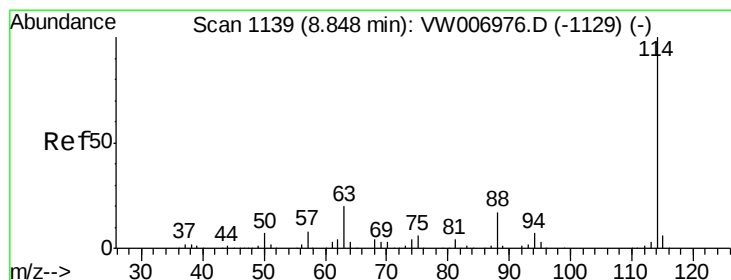
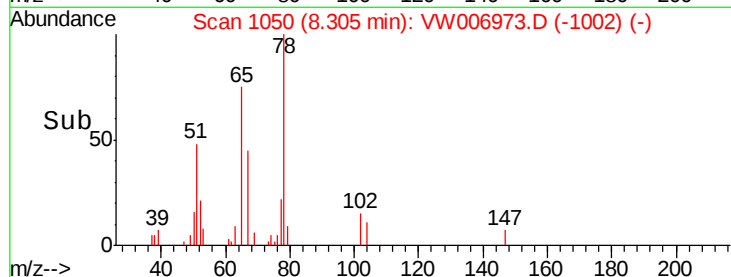
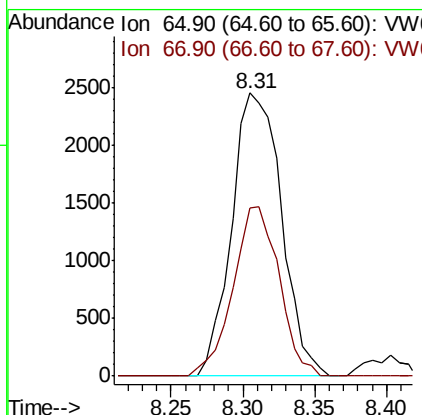
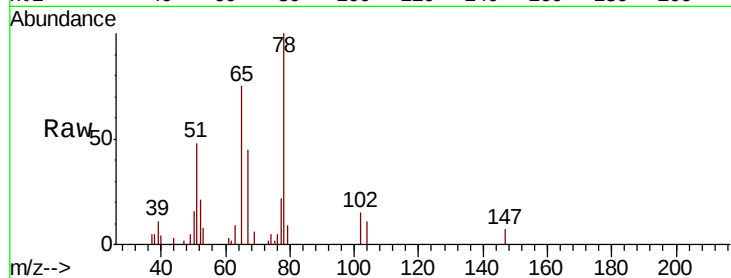




#33
 1,2-Dichloroethane-d4
 Concen: 5.022 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

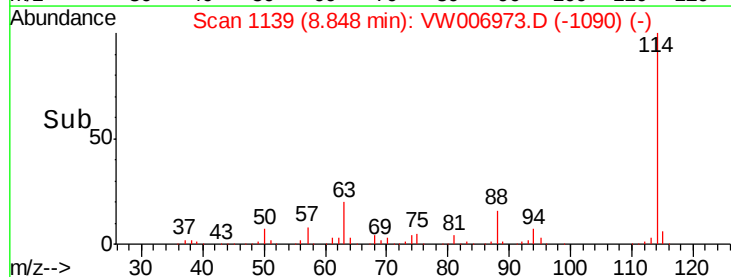
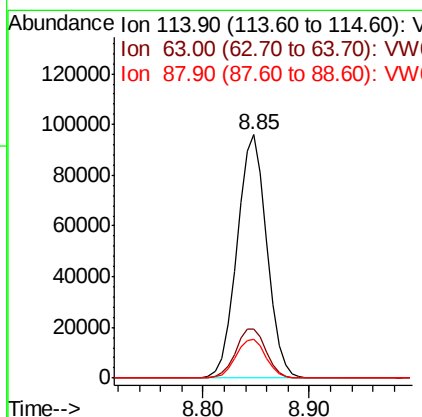
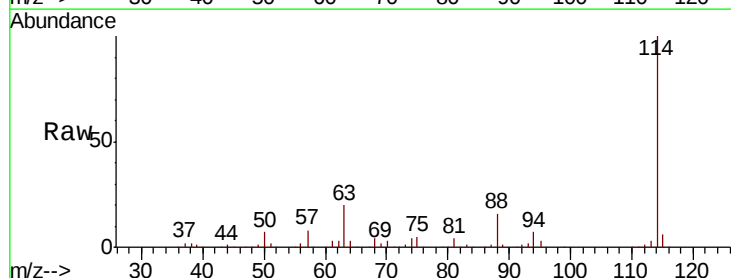
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

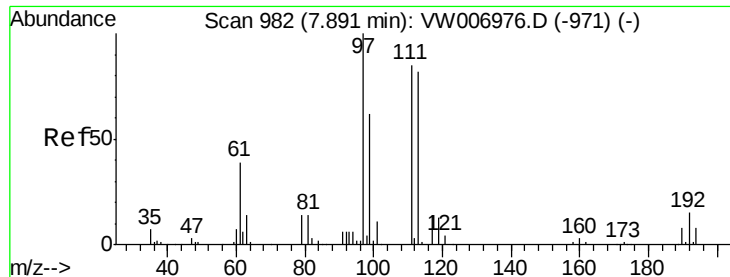
Tgt Ion: 65 Resp: 5879
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

Tgt Ion: 114 Resp: 187661
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.4
 88 16.1 0.0 34.2

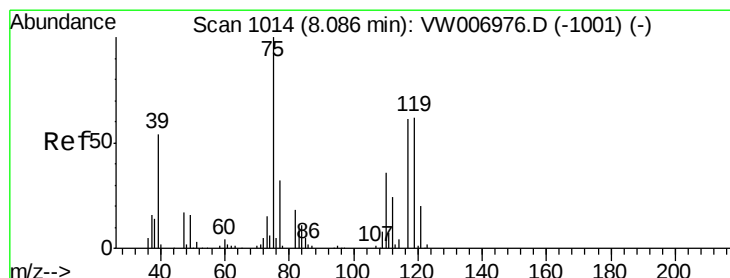
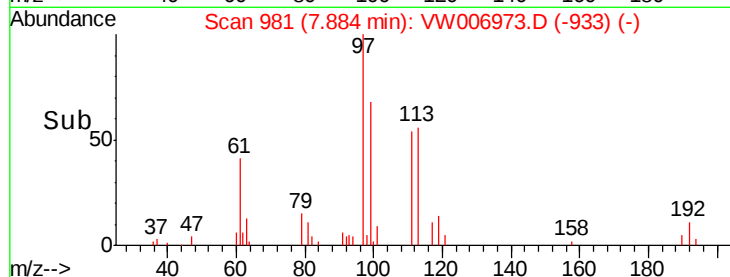
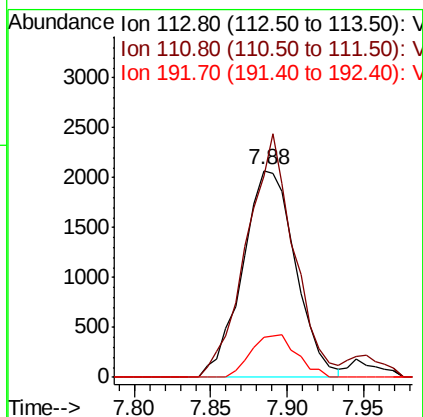
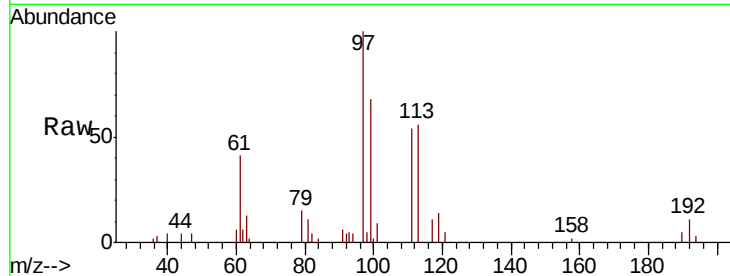




#35
 Dibromofluoromethane
 Concen: 4.701 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

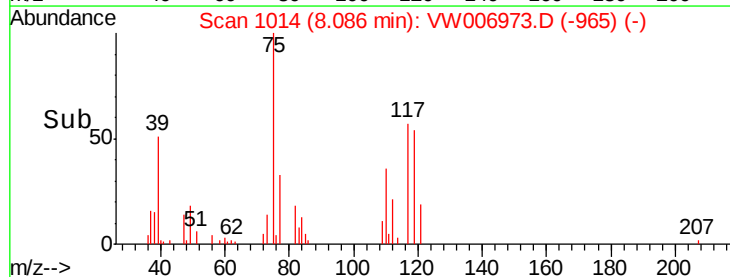
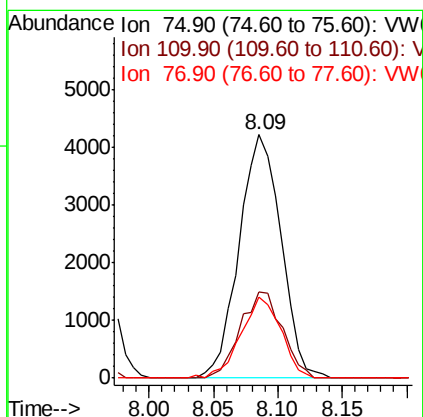
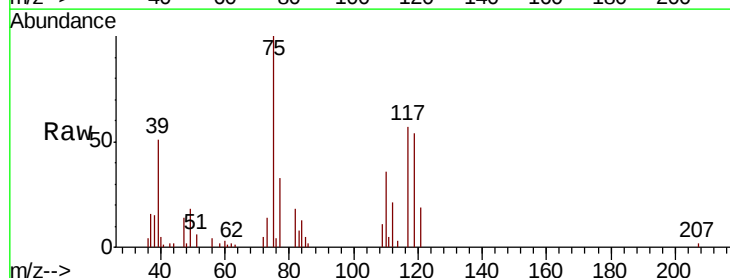
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

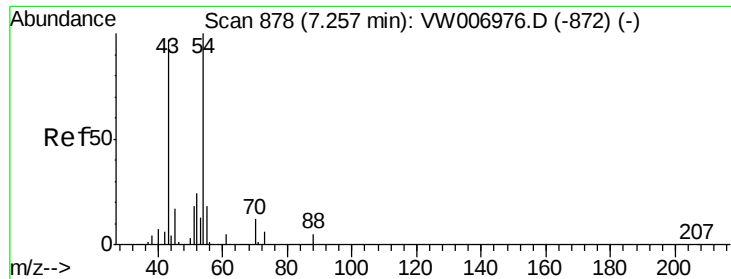
Tgt Ion:113 Resp: 4982
 Ion Ratio Lower Upper
 113 100
 111 105.7 81.0 121.6
 192 17.8 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 5.188 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

Tgt Ion: 75 Resp: 9514
 Ion Ratio Lower Upper
 75 100
 110 35.4 18.0 54.0
 77 31.8 24.9 37.3

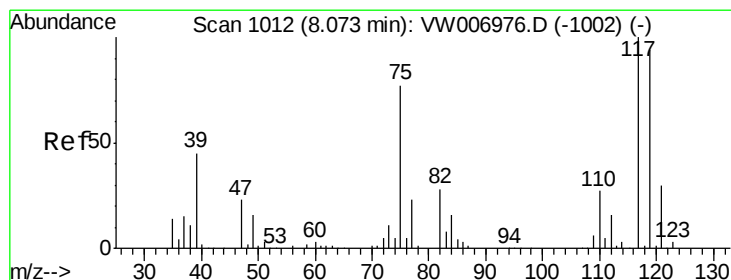
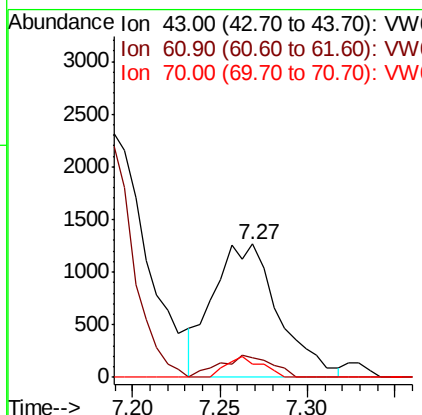
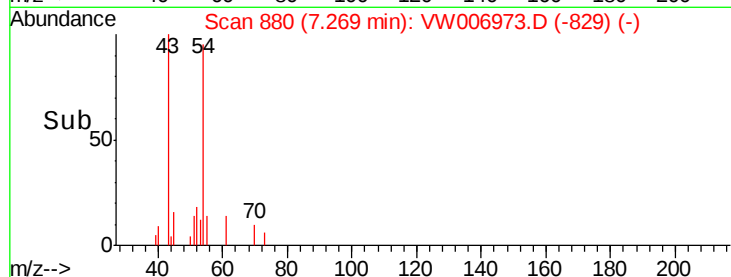
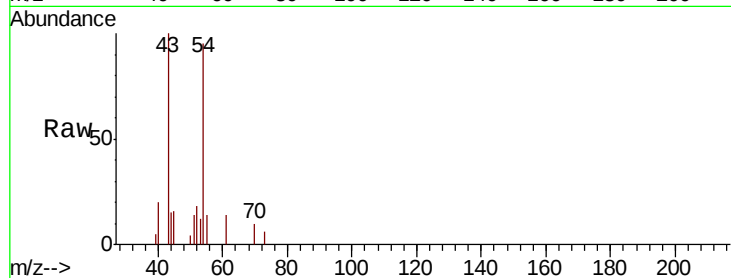




#37
Ethyl Acetate
Concen: 4.943 ug/l
RT: 7.27 min Scan# 880
Delta R.T. 0.01 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

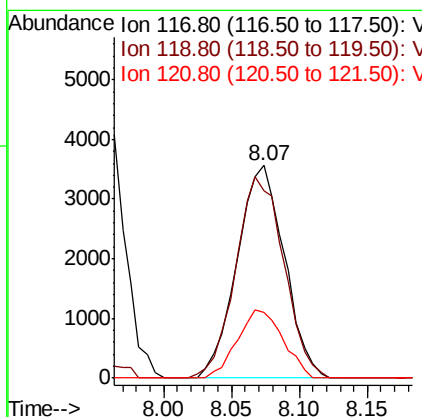
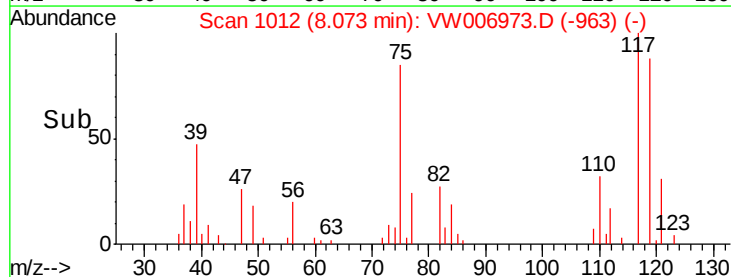
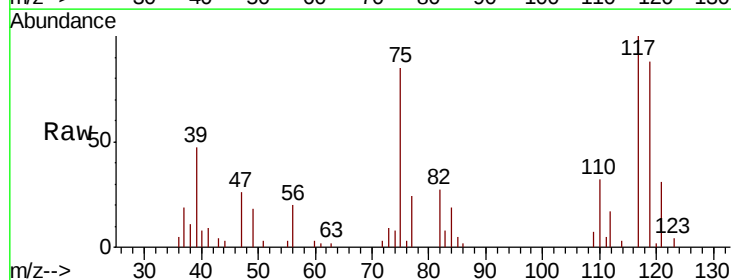
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

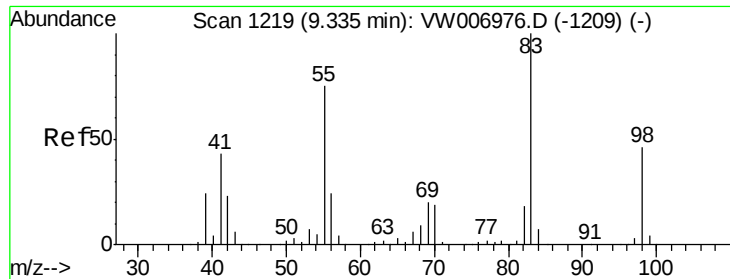
Tgt Ion: 43 Resp: 3285
Ion Ratio Lower Upper
43 100
61 13.1 10.4 15.6
70 8.3 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 4.944 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Tgt Ion: 117 Resp: 8682
Ion Ratio Lower Upper
117 100
119 88.3 74.9 112.3
121 30.7 23.6 35.4

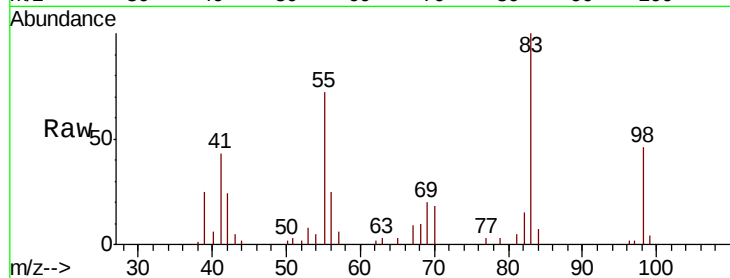




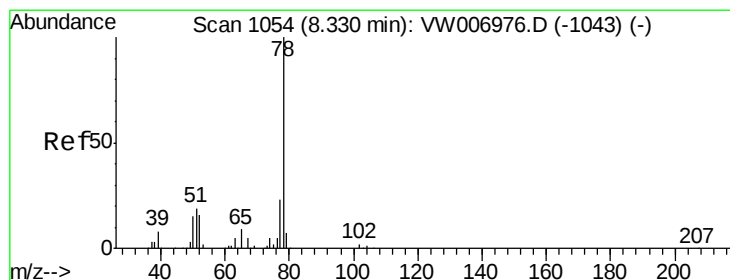
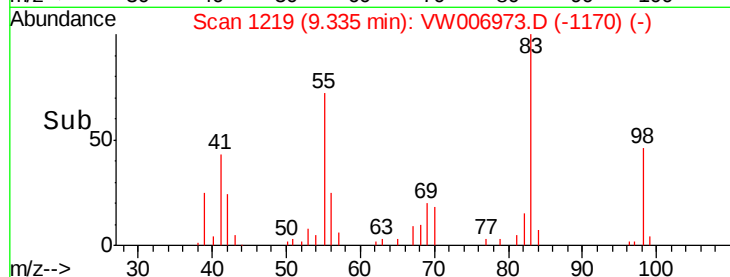
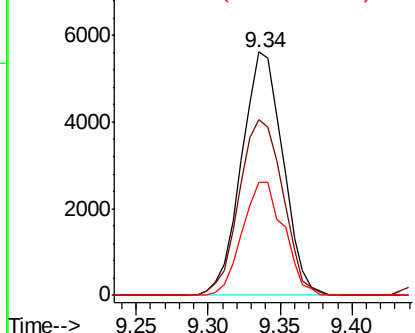
#39
Methylcyclohexane
Concen: 4.874 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 11185
Ion Ratio Lower Upper
83 100
55 72.3 59.6 89.4
98 46.2 37.1 55.7

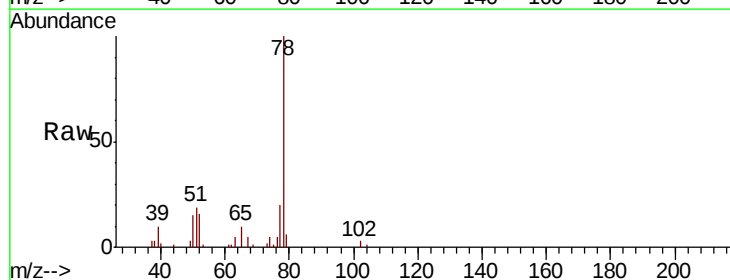


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

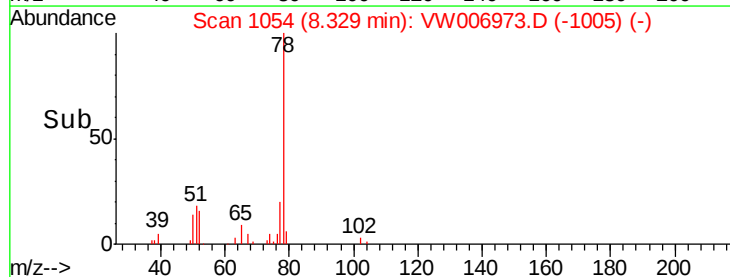
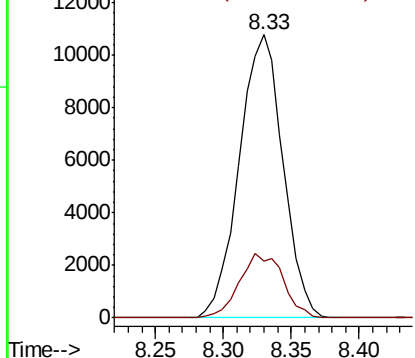


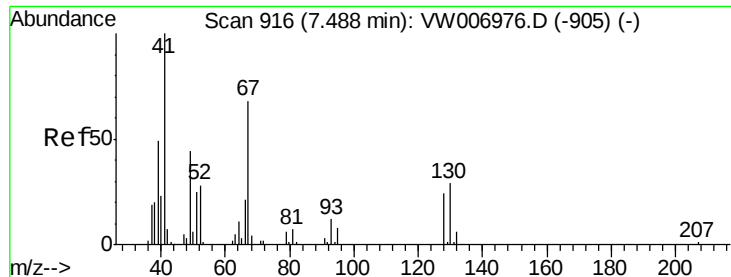
#40
Benzene
Concen: 4.889 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Tgt Ion: 78 Resp: 24200
Ion Ratio Lower Upper
78 100
77 20.0 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

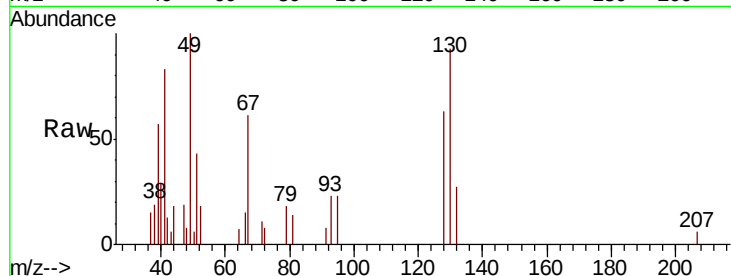




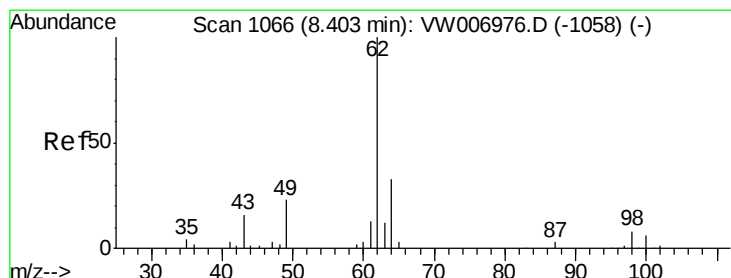
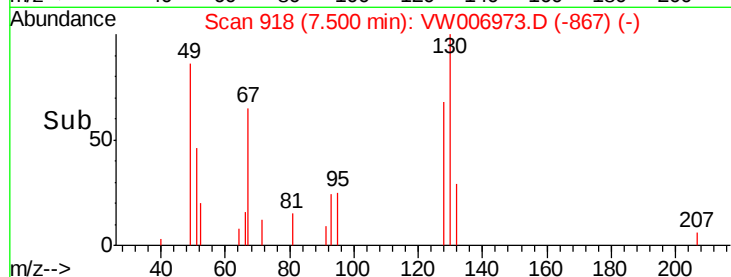
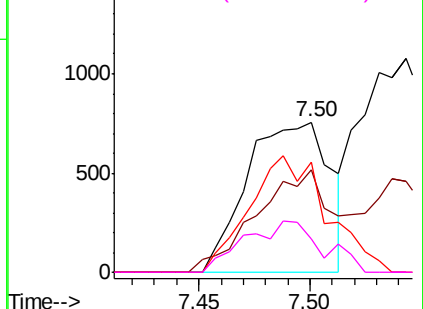
#41
Methacrylonitrile
Concen: 4.757 ug/l
RT: 7.50 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	1963
Ion	Ratio	Lower	Upper
41	100		
39	59.3	48.6	73.0
67	72.7	59.8	89.8
52	31.8	24.8	37.2

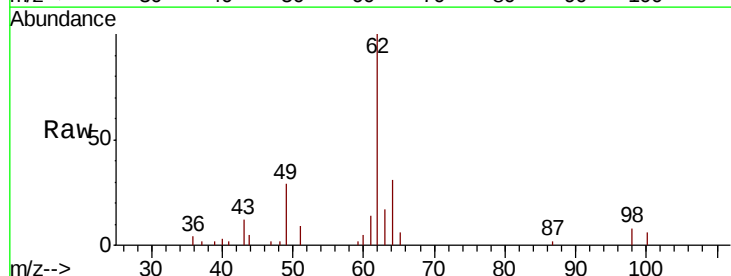


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

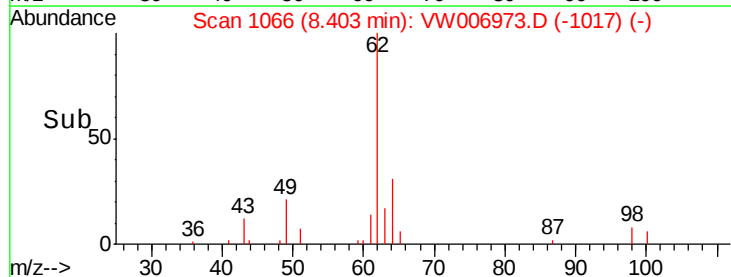
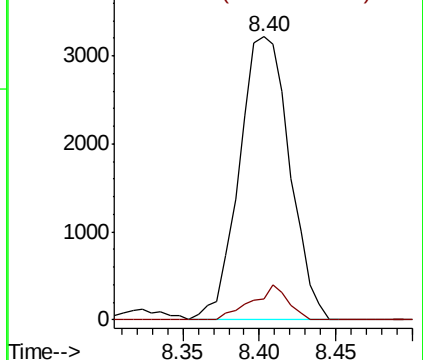


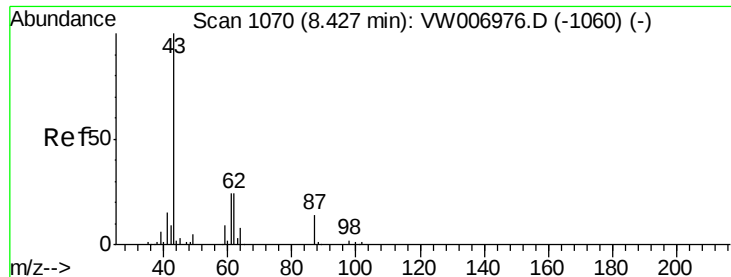
#42
1,2-Dichloroethane
Concen: 5.124 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Tgt Ion:	62	Resp:	7364
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 4.618 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

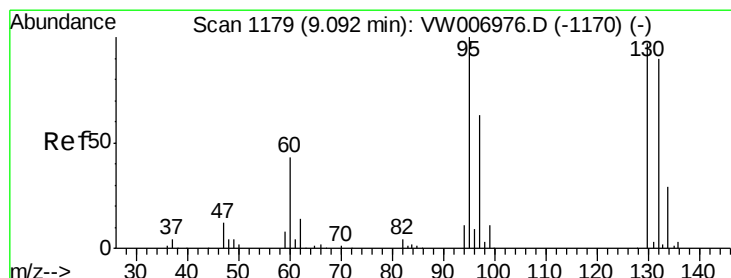
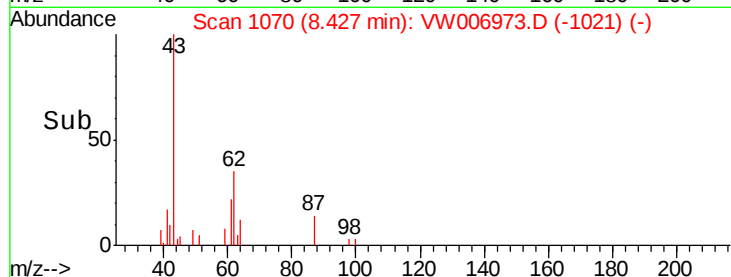
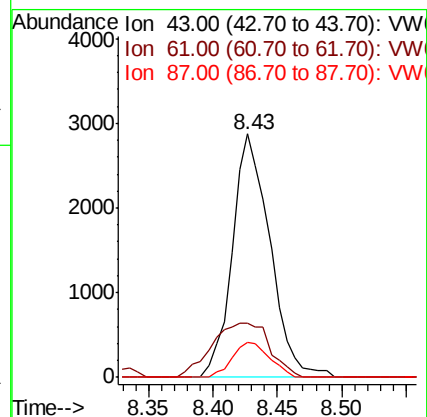
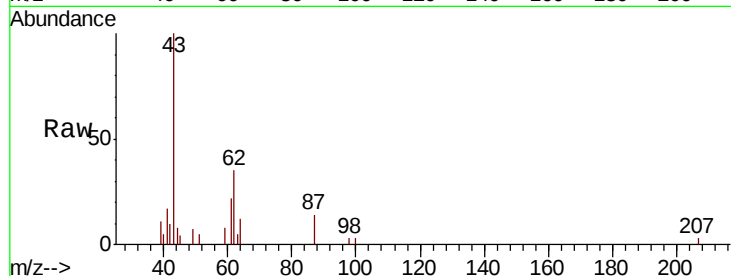
Tgt Ion: 43 Resp: 5848

Ion Ratio Lower Upper

43 100

61 34.2 26.1 39.1

87 14.2 11.2 16.8



#44

Trichloroethene

Concen: 5.043 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW006973.D

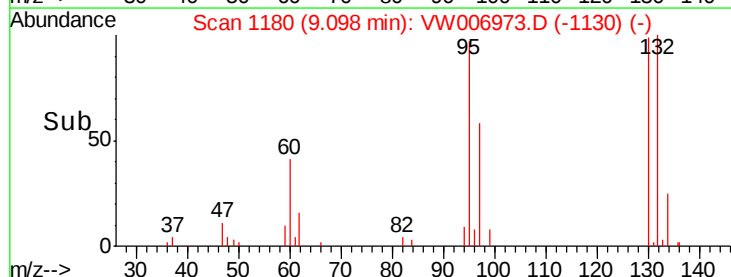
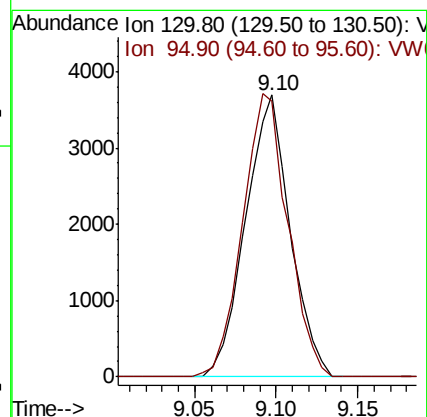
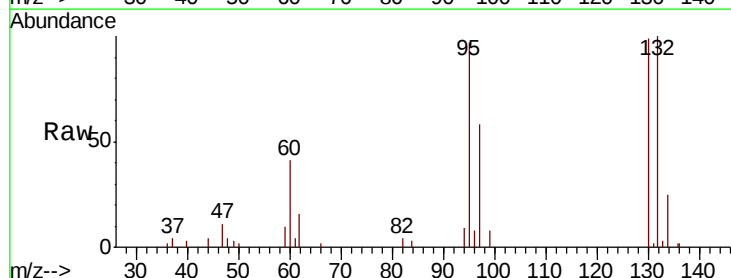
Acq: 20 Nov 2018 13:48

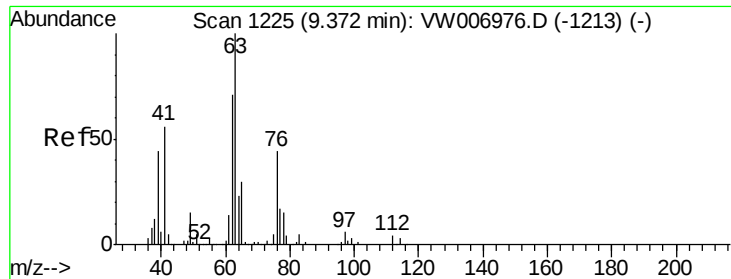
Tgt Ion: 130 Resp: 6998

Ion Ratio Lower Upper

130 100

95 97.9 0.0 206.4

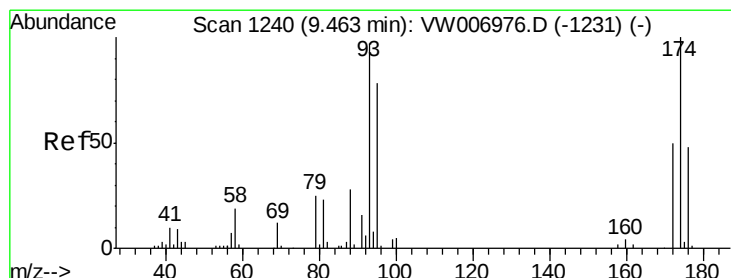
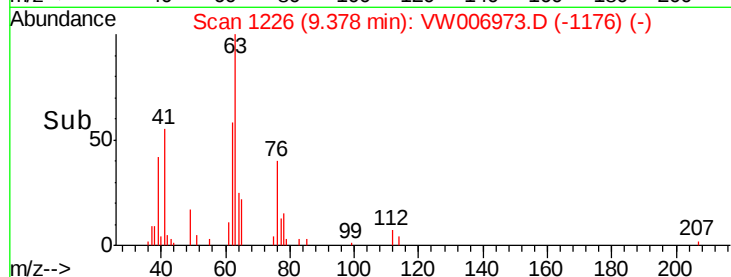
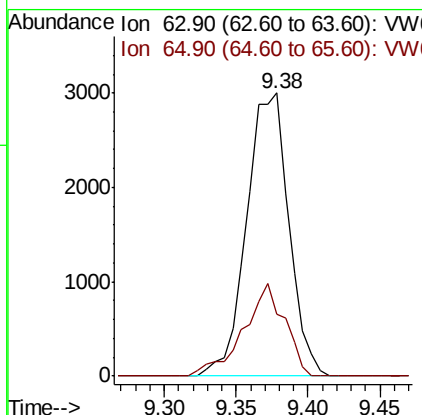
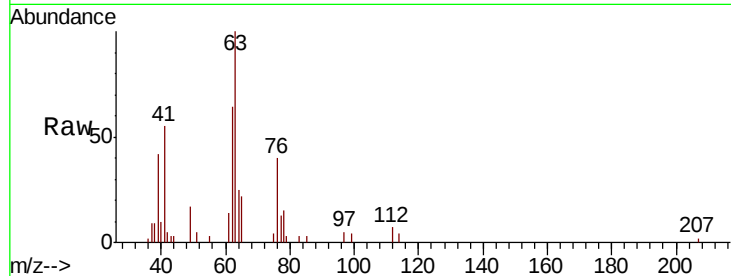




#45
 1,2-Dichloropropane
 Concen: 4.982 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. 0.01 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

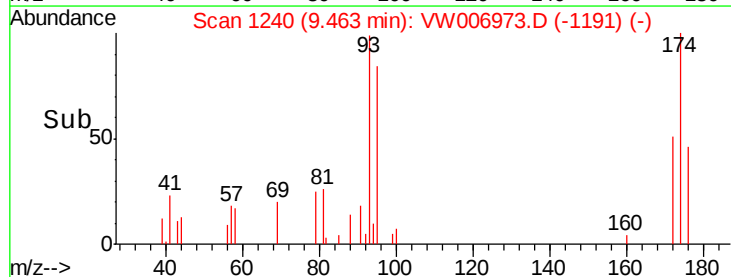
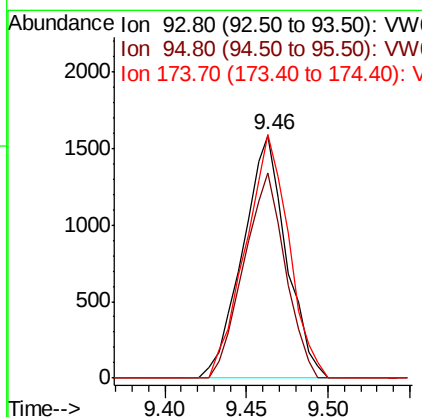
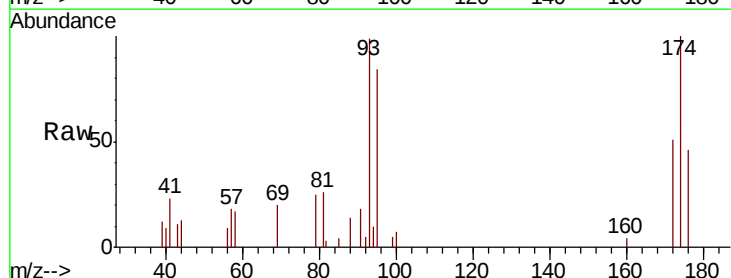
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

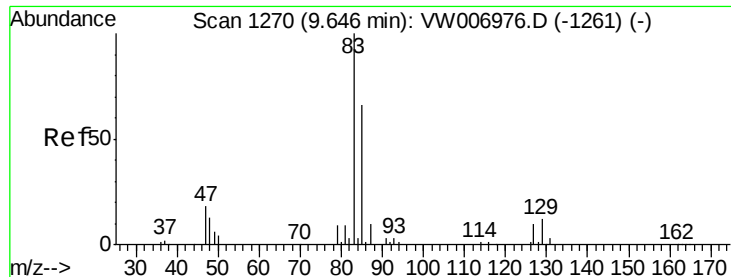
Tgt Ion: 63 Resp: 6079
 Ion Ratio Lower Upper
 63 100
 65 22.0 24.4 36.6#



#46
 Dibromomethane
 Concen: 4.783 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

Tgt Ion: 93 Resp: 2923
 Ion Ratio Lower Upper
 93 100
 95 80.9 66.1 99.1
 174 100.4 79.7 119.5





#47

Bromodichloromethane

Concen: 4.994 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

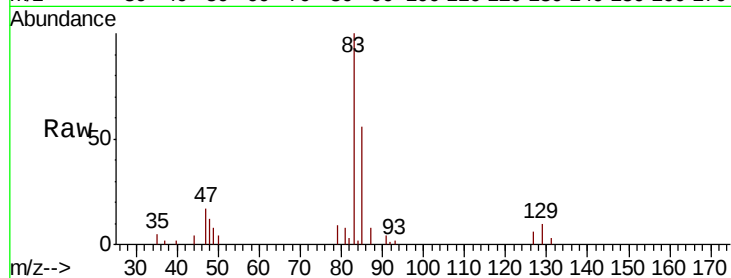
Tgt Ion: 83 Resp: 8041

Ion Ratio Lower Upper

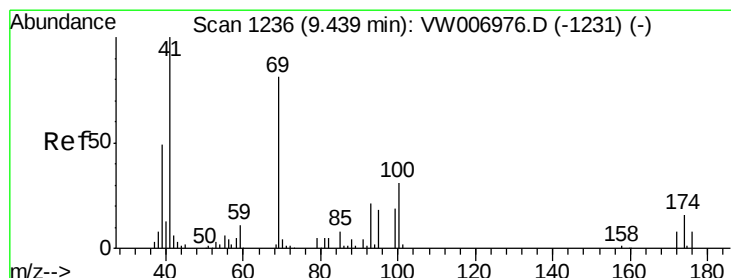
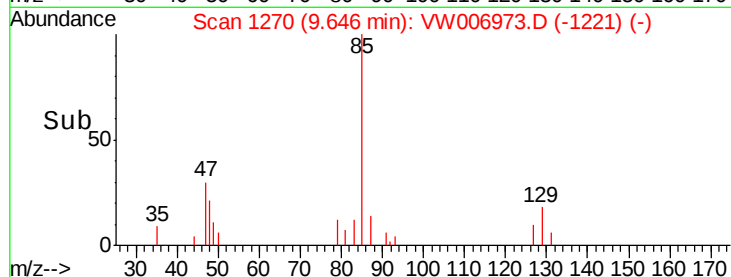
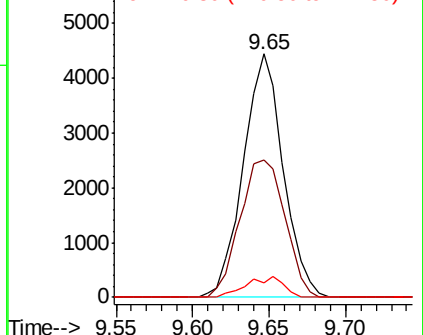
83 100

85 56.2 52.9 79.3

127 5.8 7.8 11.6#



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.954 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

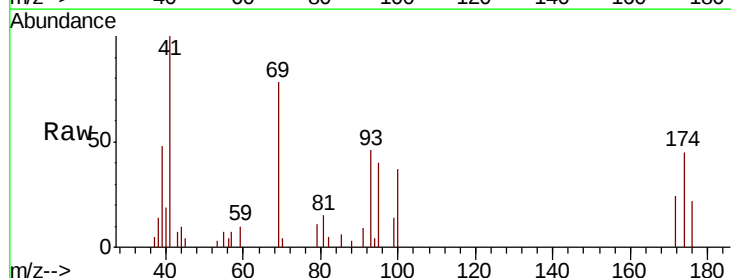
Tgt Ion: 41 Resp: 3025

Ion Ratio Lower Upper

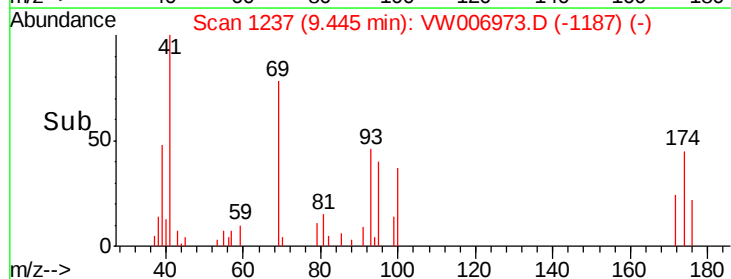
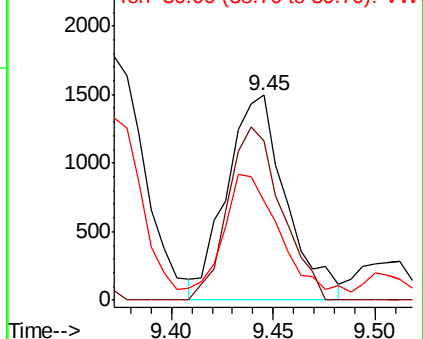
41 100

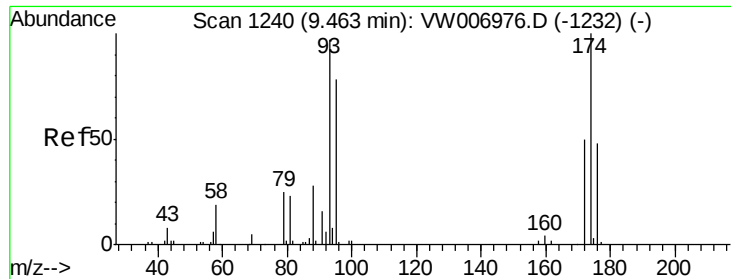
69 76.7 71.4 107.0

39 61.3 44.8 67.2



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 95.237 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleID :

VSTDIC005

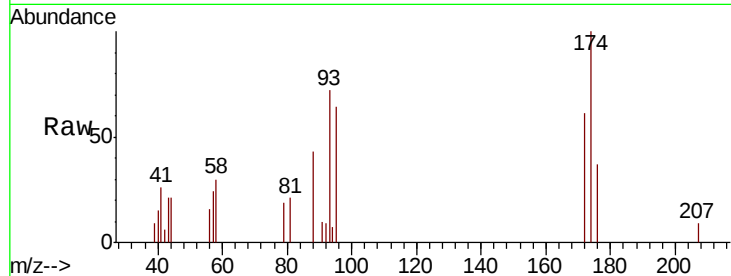
Tgt Ion: 88 Resp: 865

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

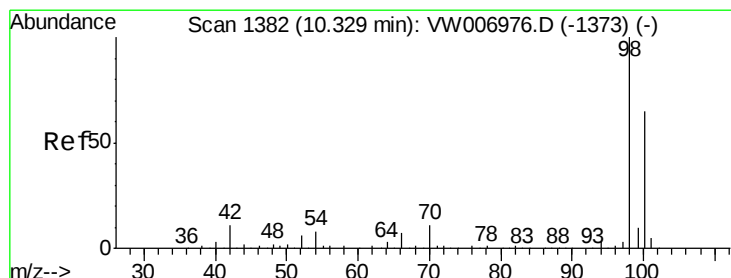
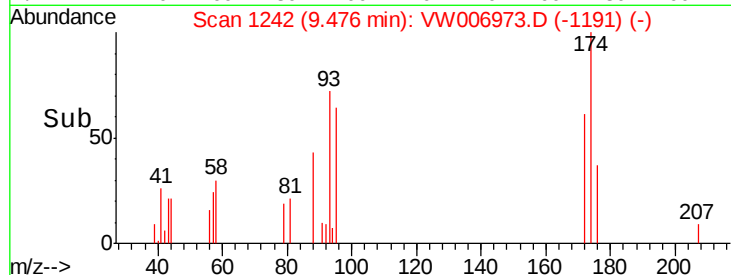
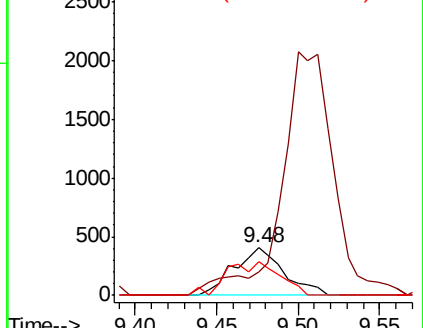
58 36.9 59.0 88.6#



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 4.940 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006973.D

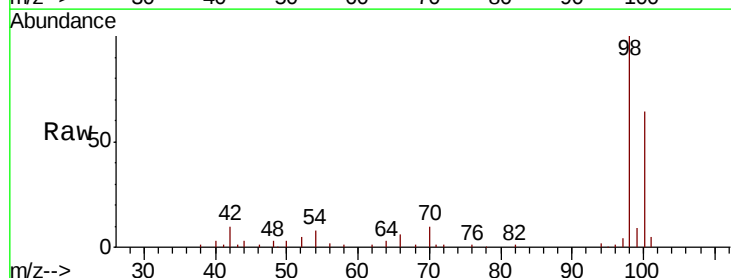
Acq: 20 Nov 2018 13:48

Tgt Ion: 98 Resp: 23120

Ion Ratio Lower Upper

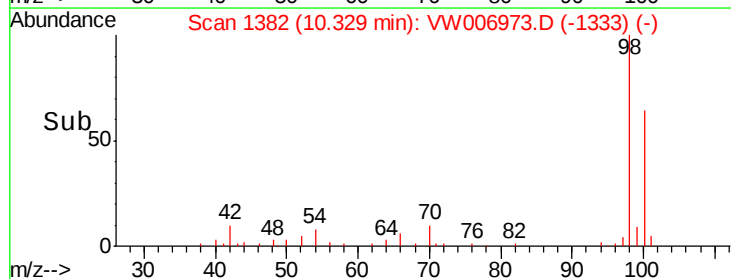
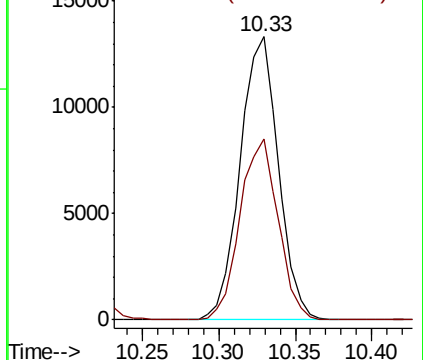
98 100

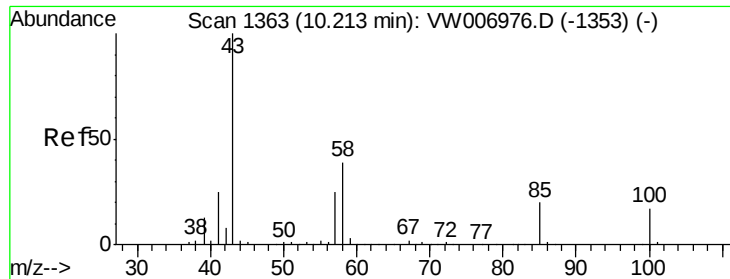
100 64.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

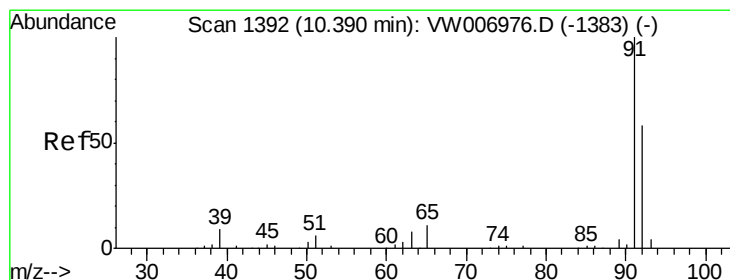
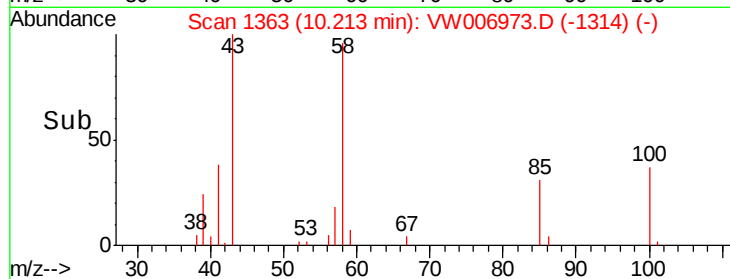
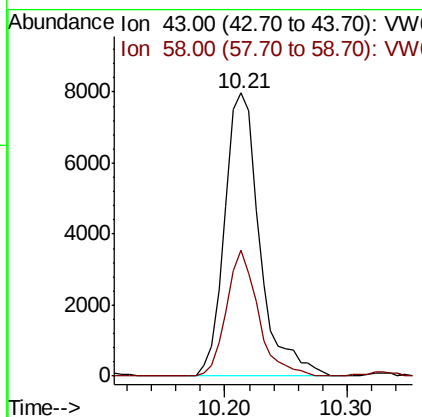
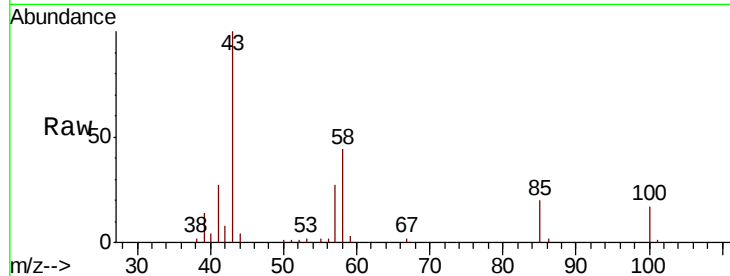




#51
 4-Methyl-2-Pentanone
 Concen: 24.728 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

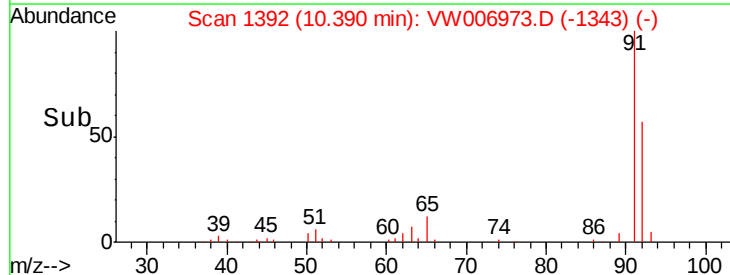
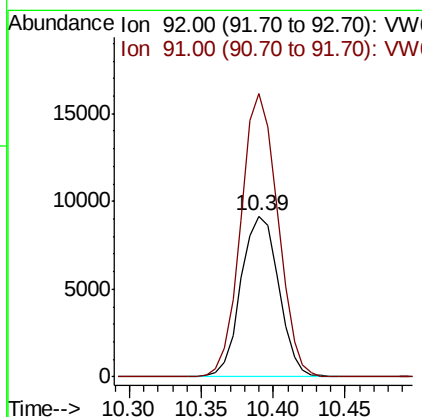
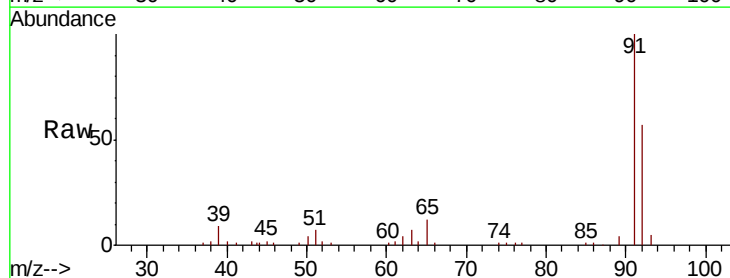
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

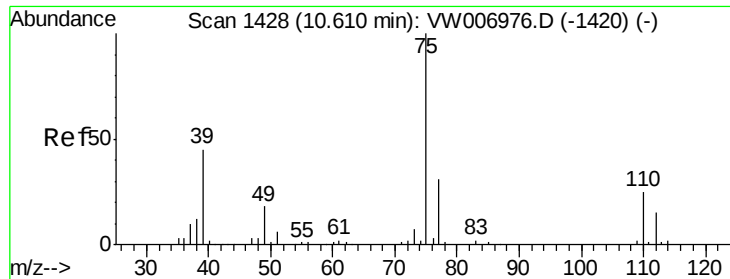
Tgt Ion: 43 Resp: 15825
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.8 47.6



#52
 Toluene
 Concen: 4.942 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

Tgt Ion: 92 Resp: 16650
 Ion Ratio Lower Upper
 92 100
 91 172.6 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 4.564 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

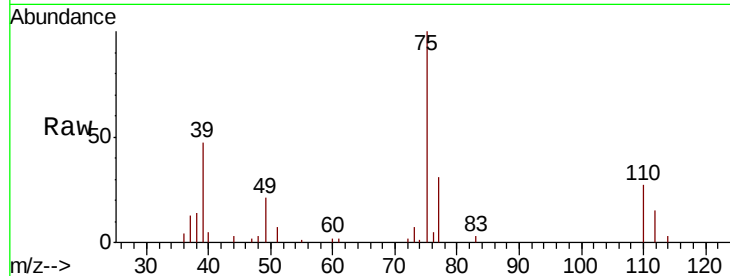
VSTDIC005

Tgt Ion: 75 Resp: 7119

Ion Ratio Lower Upper

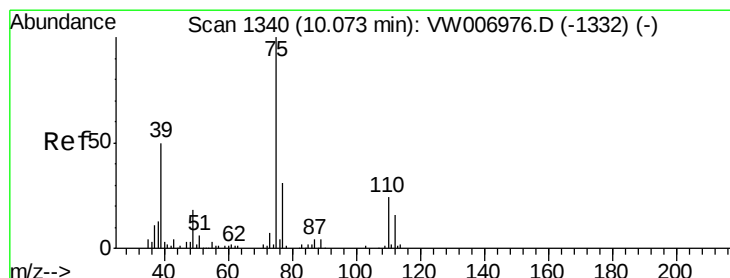
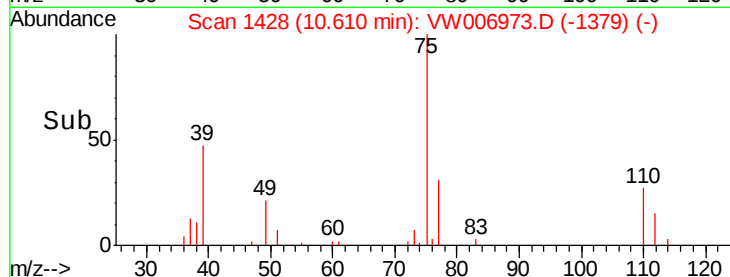
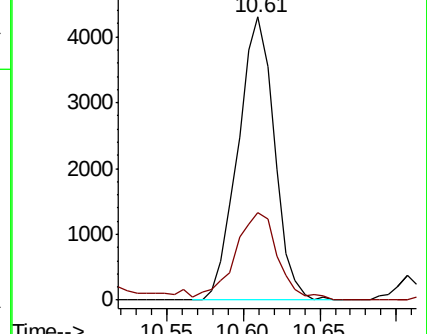
75 100

77 30.9 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 4.681 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

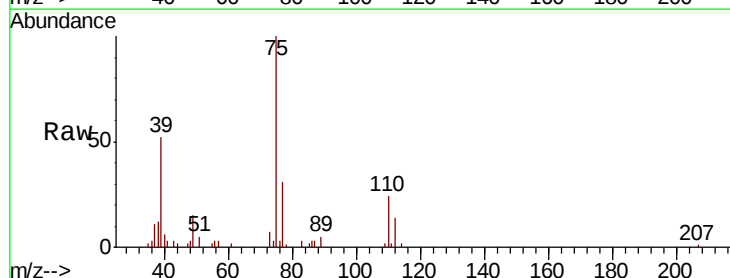
Tgt Ion: 75 Resp: 8821

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6

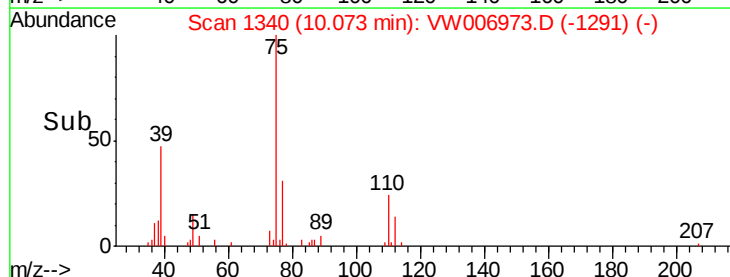
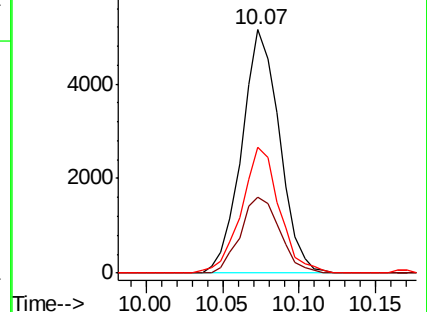
39 51.6 39.9 59.9

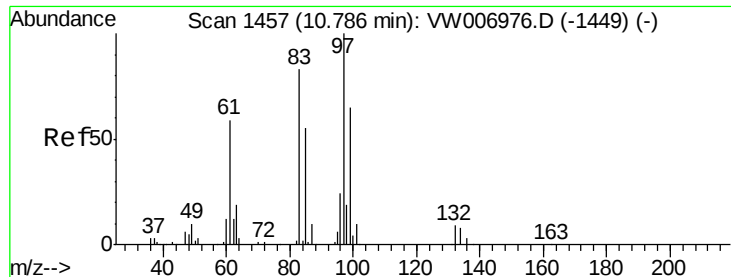


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

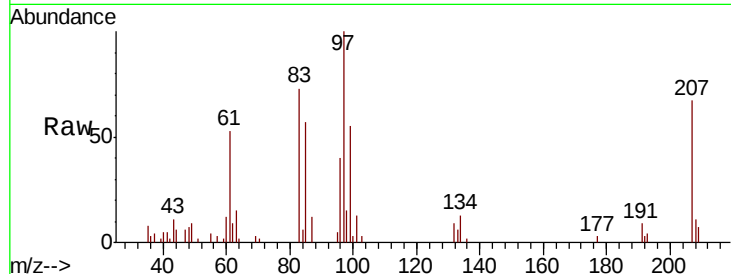




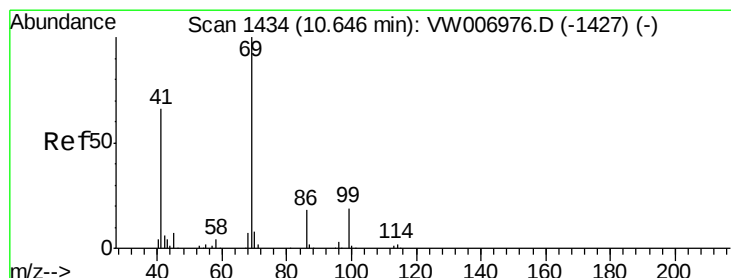
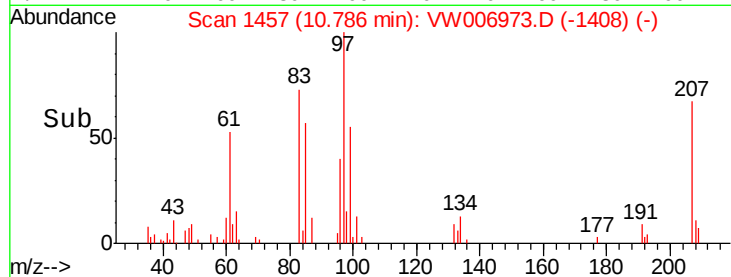
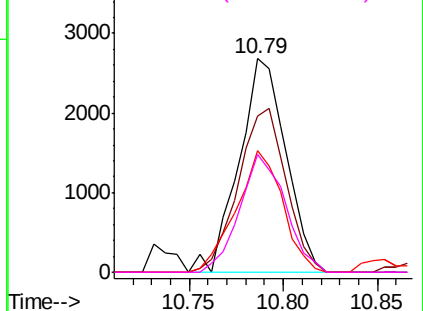
#55
 1,1,2-Trichloroethane
 Concen: 5.148 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	4628
Ion	Ratio	Lower	Upper
97	100		
83	73.3	66.4	99.6
85	57.0	44.1	66.1
99	55.3	51.7	77.5

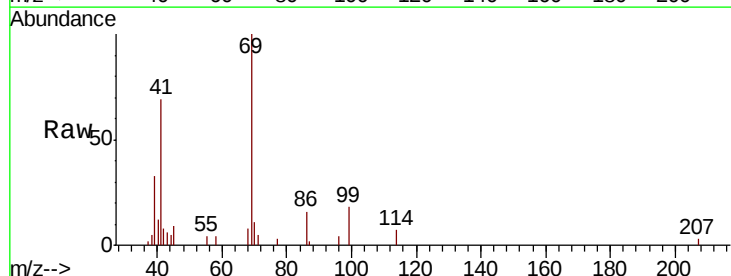


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

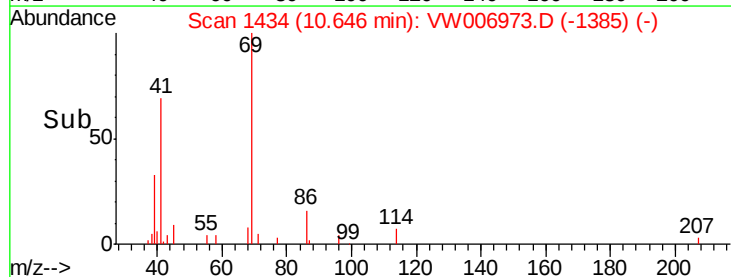
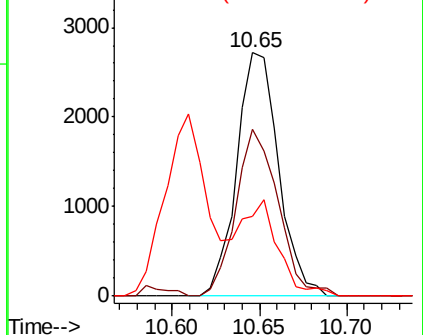


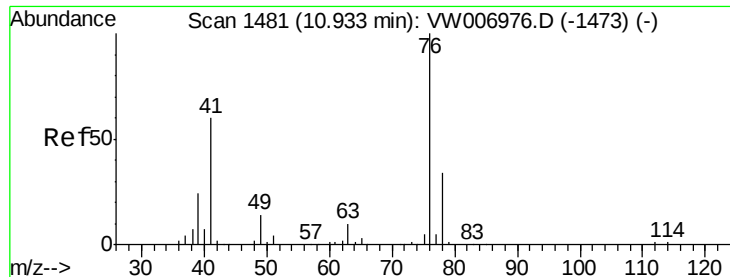
#56
 Ethyl methacrylate
 Concen: 4.341 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

Tgt Ion:	69	Resp:	4530
Ion	Ratio	Lower	Upper
69	100		
41	69.5	53.4	80.0
39	33.9	28.2	42.4



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 4.753 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.01 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

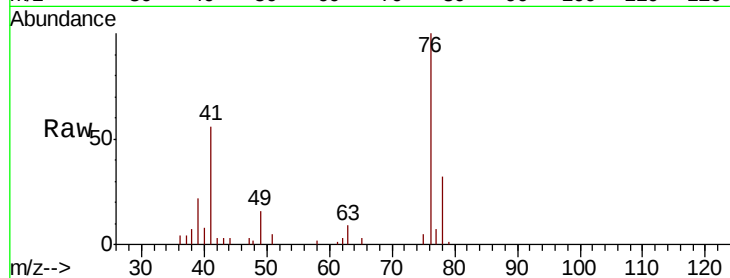
VSTDIC005

Tgt Ion: 76 Resp: 7161

Ion Ratio Lower Upper

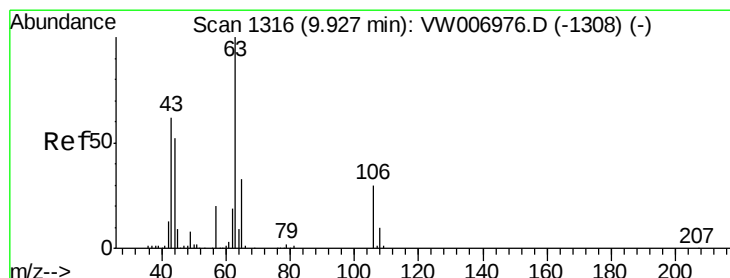
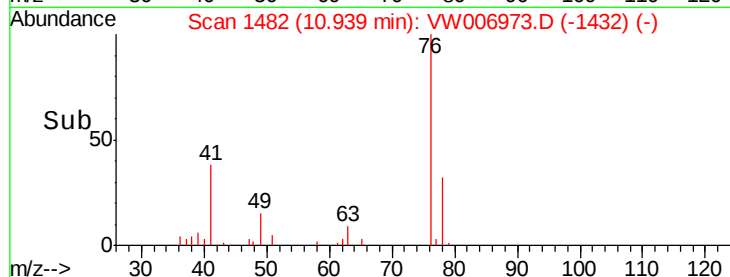
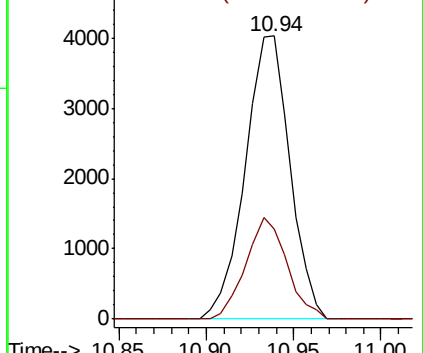
76 100

78 33.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 25.810 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006973.D

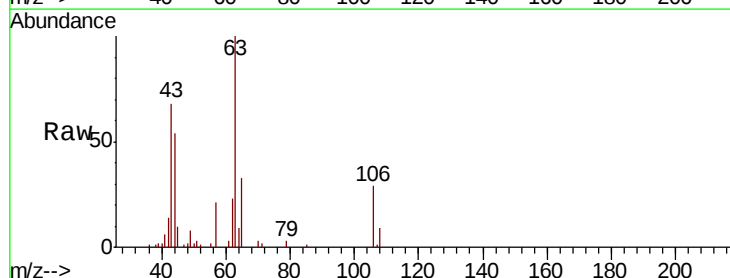
Acq: 20 Nov 2018 13:48

Tgt Ion: 63 Resp: 14075

Ion Ratio Lower Upper

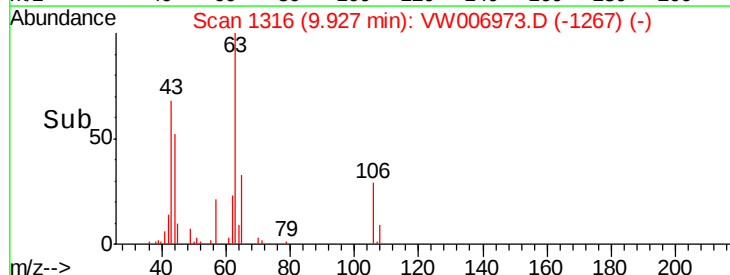
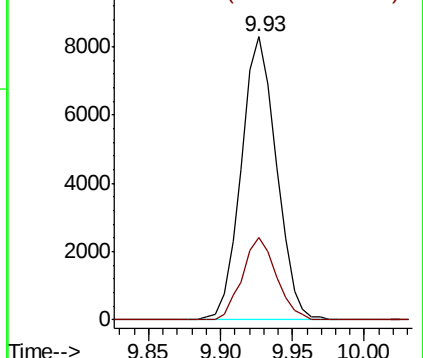
63 100

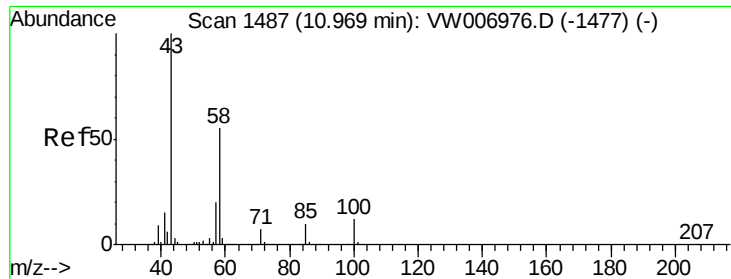
106 28.0 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 22.852 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

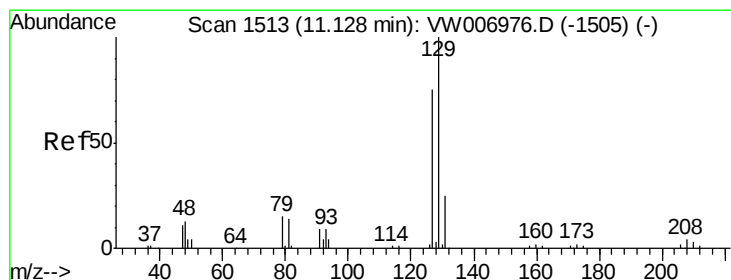
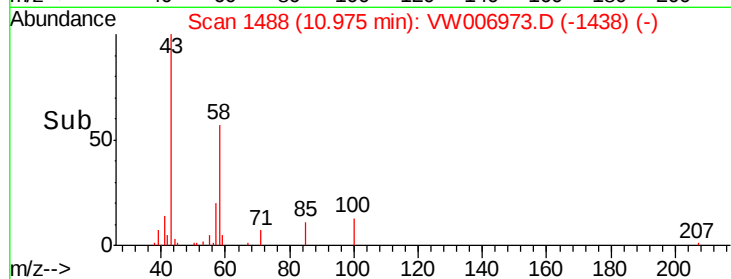
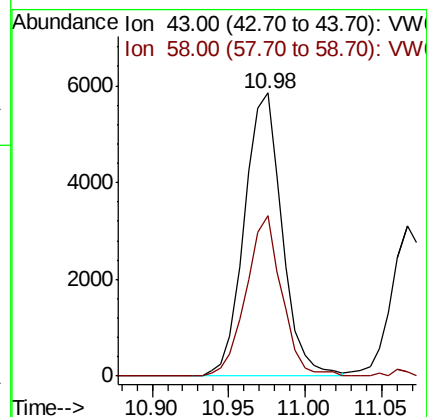
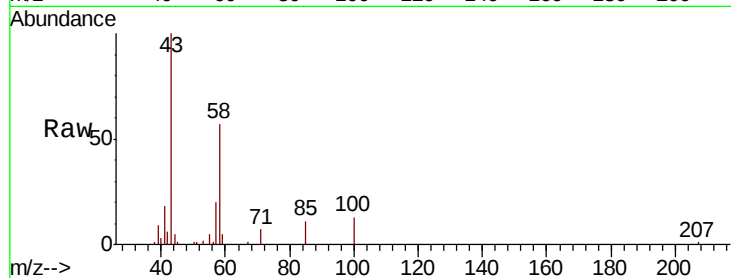
VSTDIC005

Tgt Ion: 43 Resp: 10015

Ion Ratio Lower Upper

43 100

58 53.7 27.3 81.8



#60

Dibromochloromethane

Concen: 4.520 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW006973.D

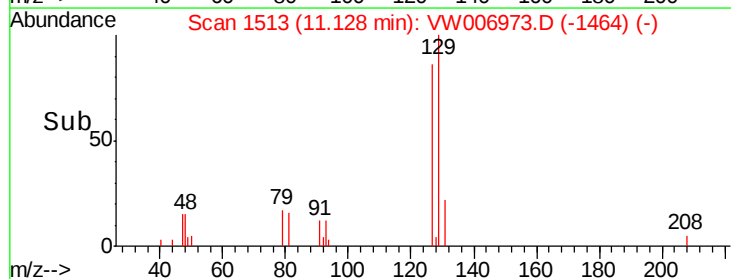
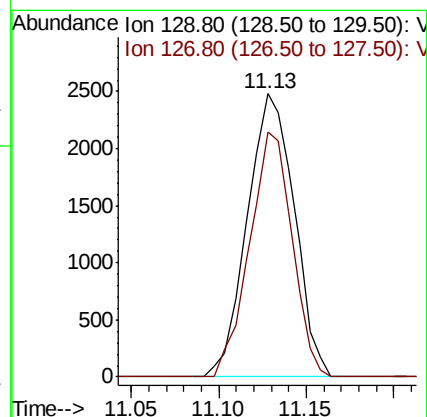
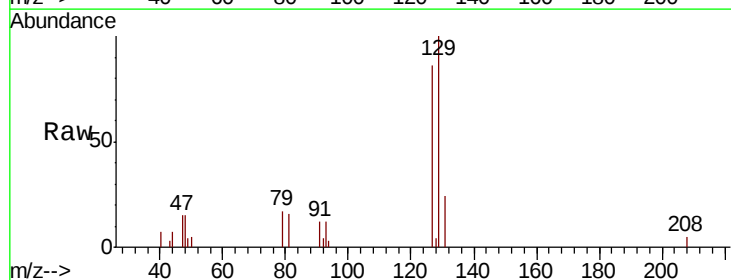
Acq: 20 Nov 2018 13:48

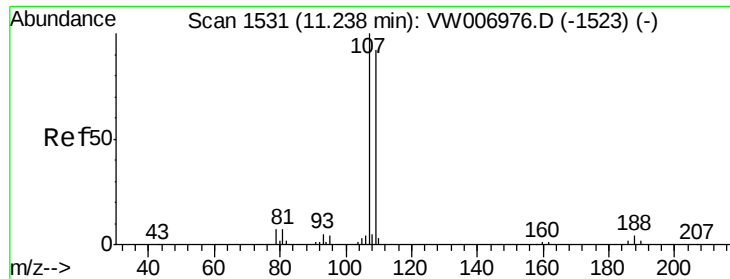
Tgt Ion: 129 Resp: 4631

Ion Ratio Lower Upper

129 100

127 78.5 38.3 114.8

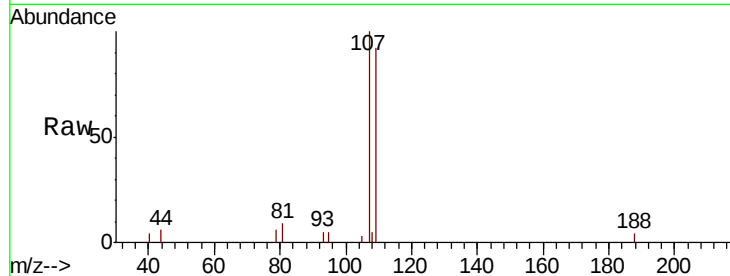




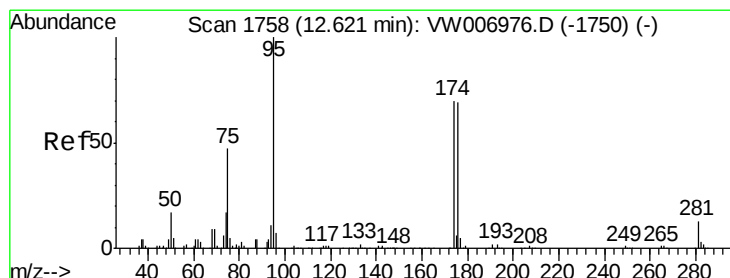
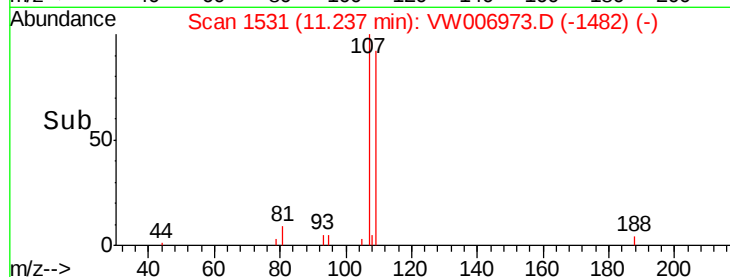
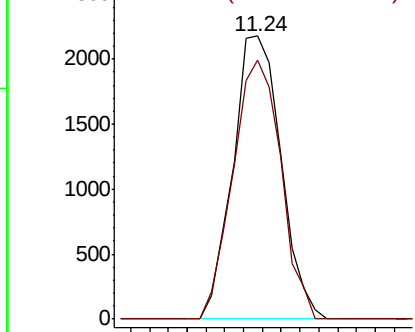
#61
 1,2-Dibromoethane
 Concen: 4.685 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 107 Resp: 3853
 Ion Ratio Lower Upper
 107 100
 109 91.4 75.1 112.7

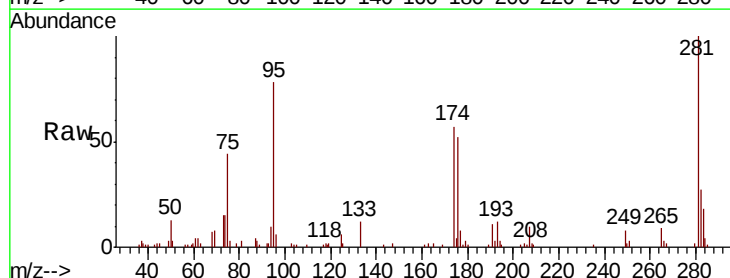


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

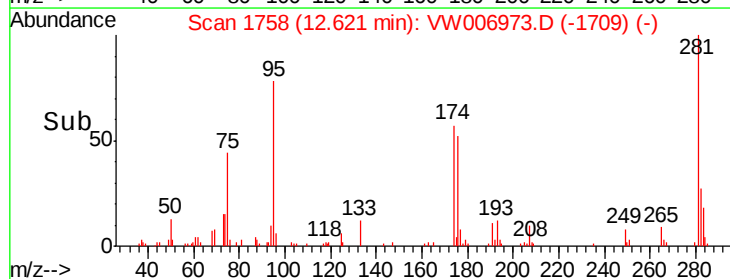
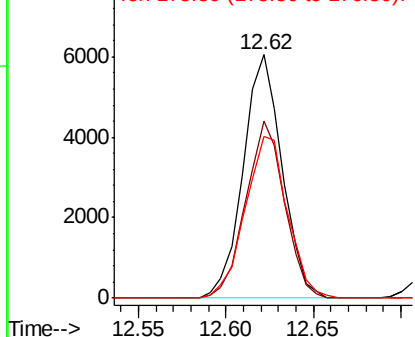


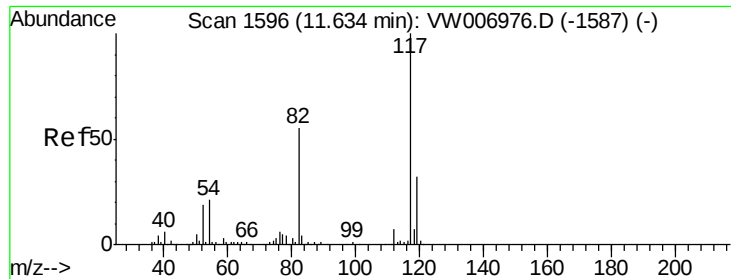
#62
 4-Bromofluorobenzene
 Concen: 5.070 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

Tgt Ion: 95 Resp: 9336
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 143.6
 176 72.4 0.0 140.4



Abundance Ion 94.90 (94.60 to 95.60): VW
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

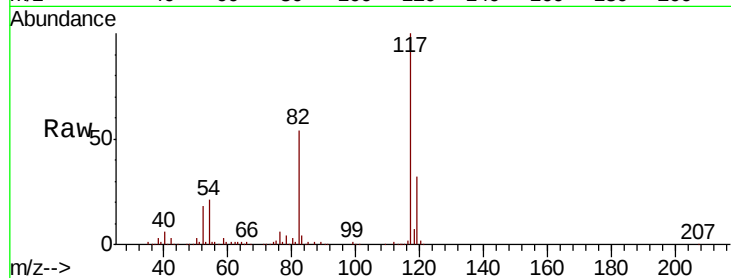




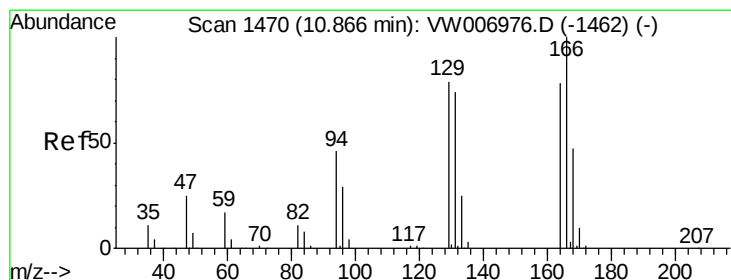
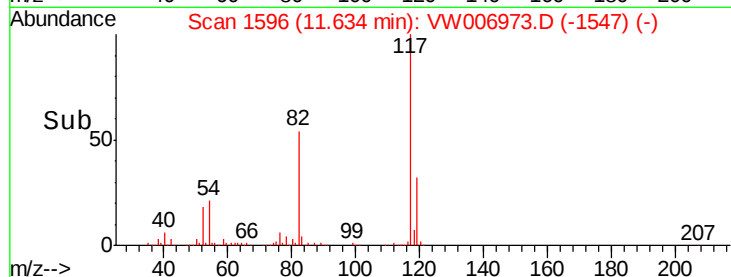
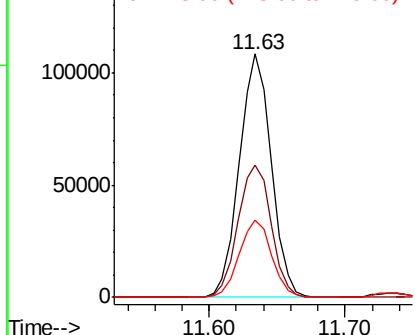
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 177433
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 31.6 25.9 38.9

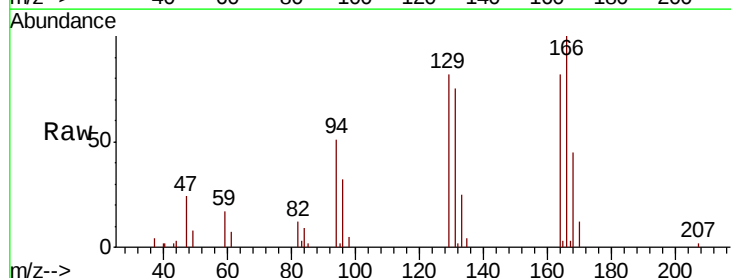


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

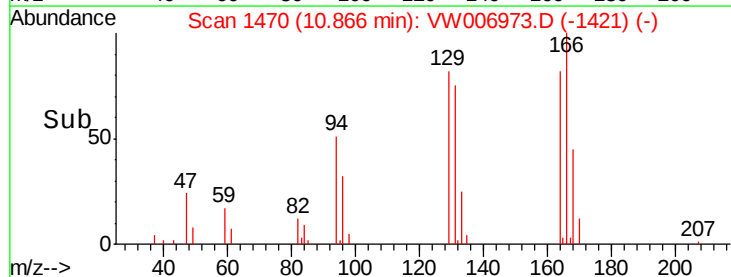
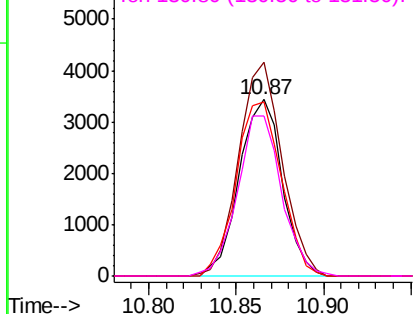


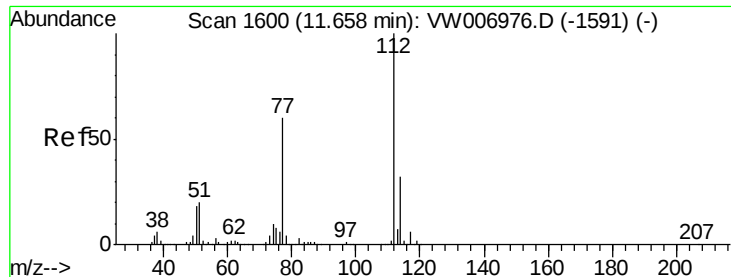
#64
Tetrachloroethene
Concen: 5.167 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Tgt Ion:164 Resp: 5898
Ion Ratio Lower Upper
164 100
166 121.3 102.1 153.1
129 99.0 80.4 120.6
131 90.9 75.2 112.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

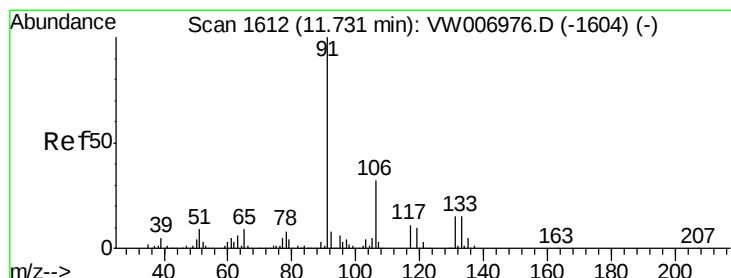
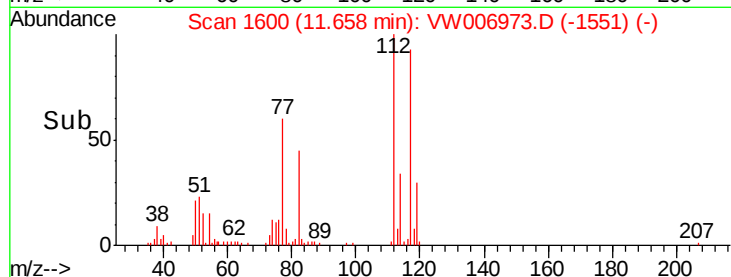
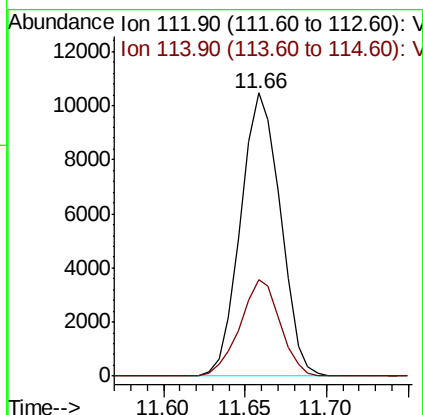
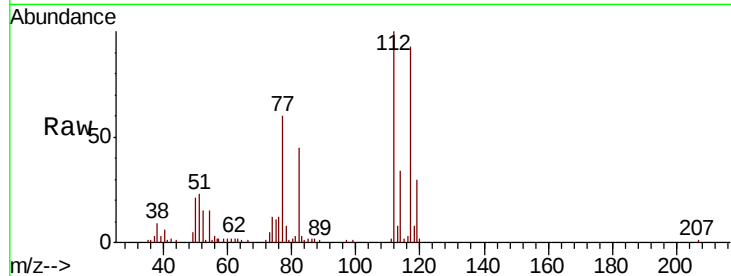




#65
Chlorobenzene
Concen: 4.809 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

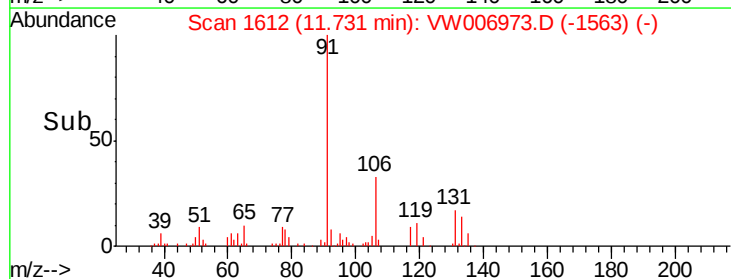
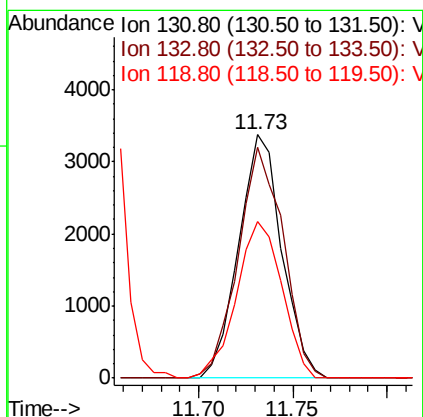
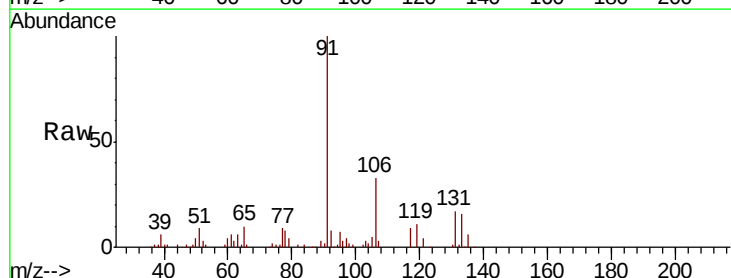
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

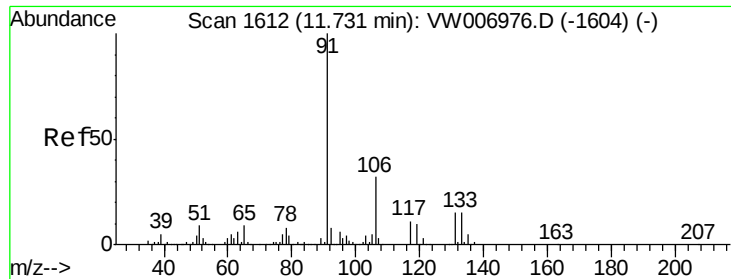
Tgt Ion:112 Resp: 17809
Ion Ratio Lower Upper
112 100
114 34.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 4.777 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Tgt Ion:131 Resp: 5351
Ion Ratio Lower Upper
131 100
133 99.2 47.7 143.1
119 68.0 31.8 95.3

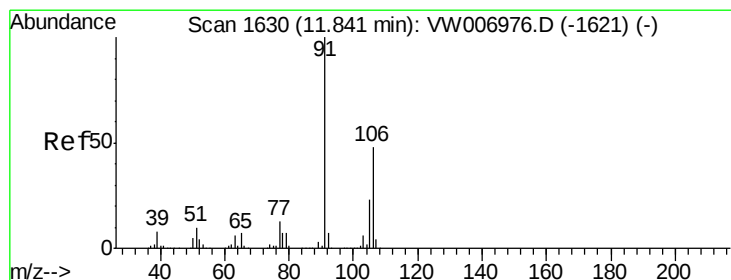
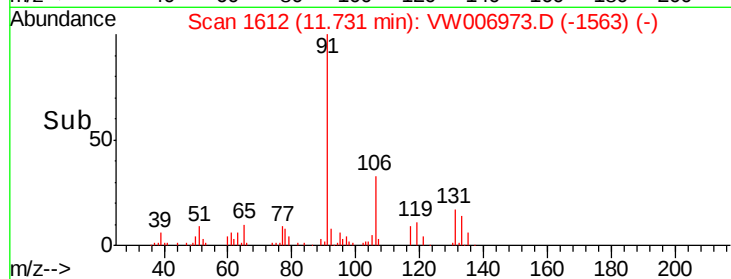
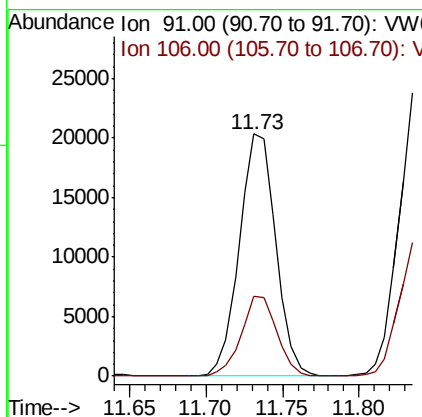
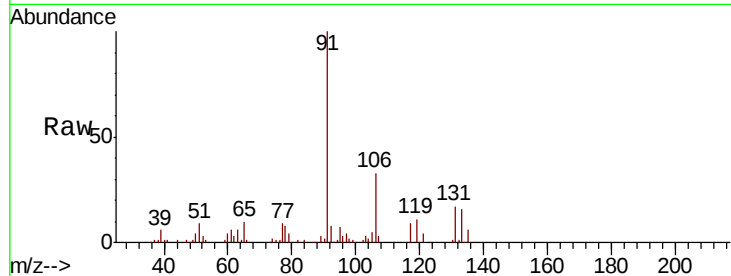




#67
Ethyl Benzene
Concen: 4.944 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

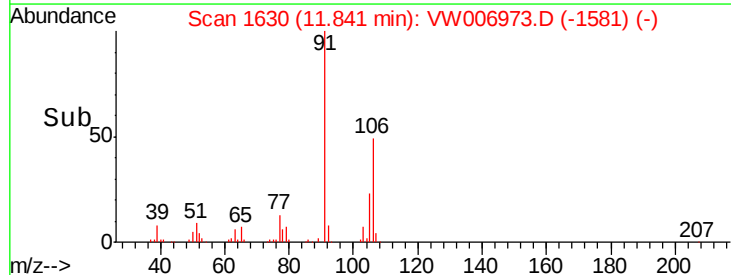
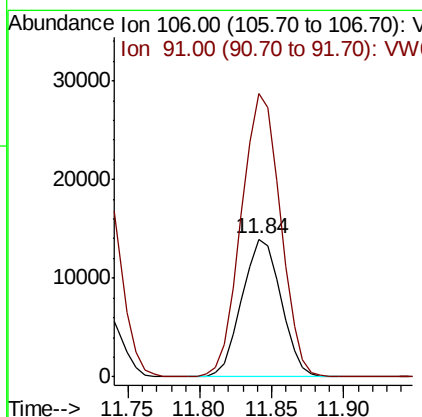
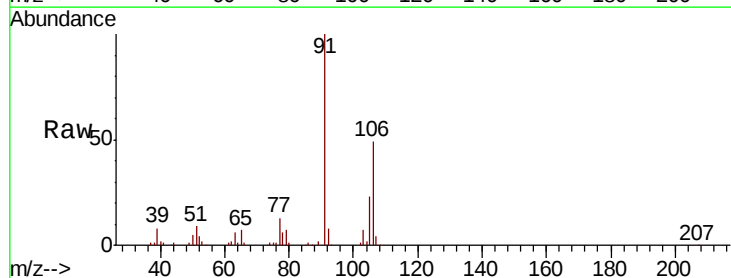
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

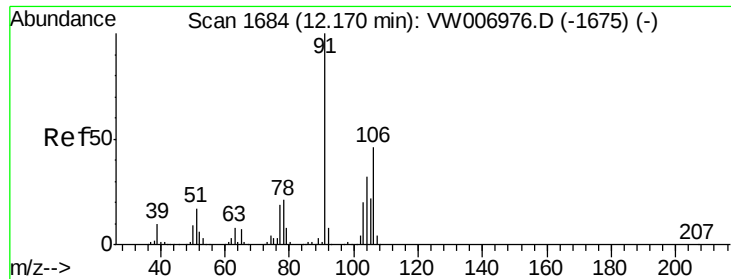
Tgt Ion: 91 Resp: 33635
Ion Ratio Lower Upper
91 100
106 33.1 25.4 38.2



#68
m/p-Xylenes
Concen: 9.870 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Tgt Ion: 106 Resp: 26345
Ion Ratio Lower Upper
106 100
91 206.1 164.8 247.2

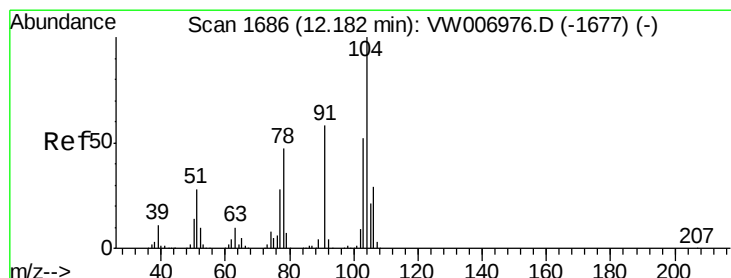
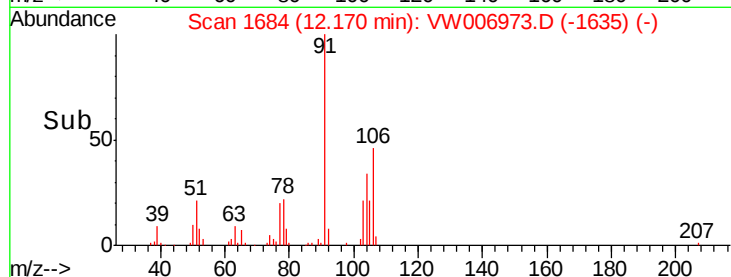
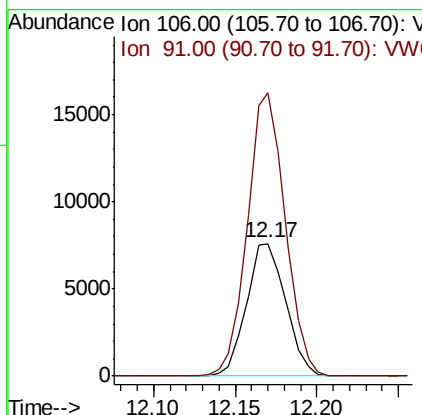
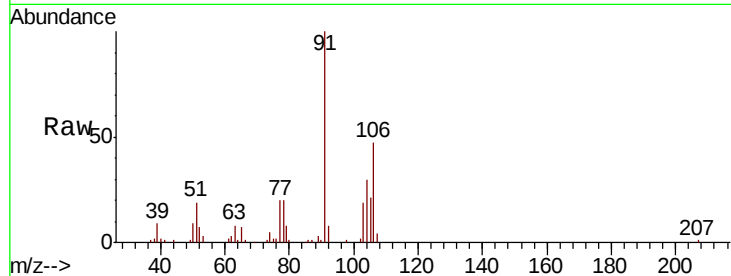




#69
o-Xylene
Concen: 5.040 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

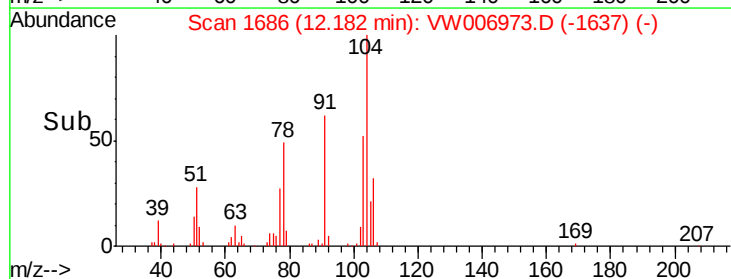
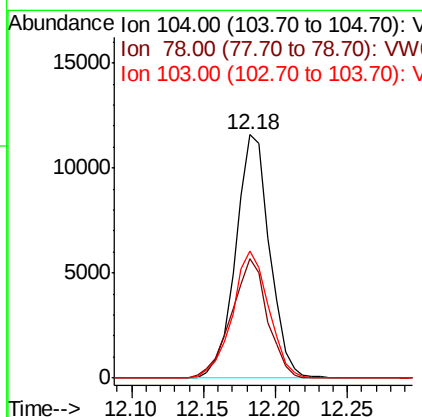
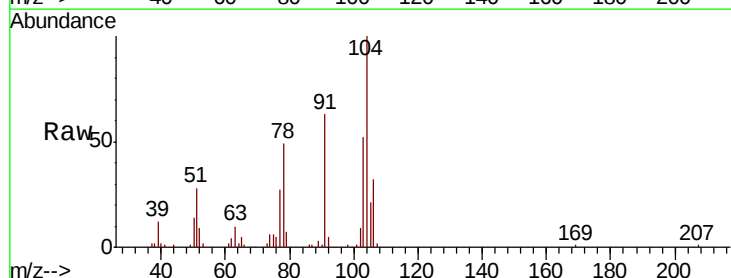
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

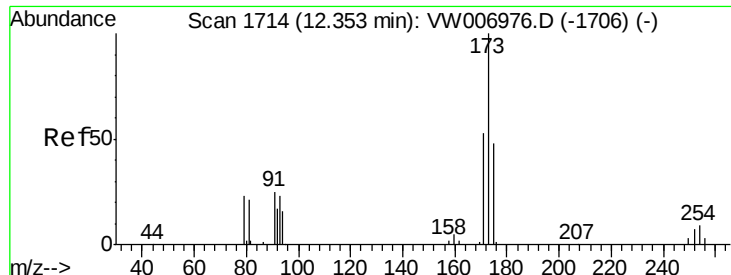
Tgt Ion:106 Resp: 12685
Ion Ratio Lower Upper
106 100
91 206.4 107.9 323.8



#70
Styrene
Concen: 4.732 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Tgt Ion:104 Resp: 18955
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.8
103 56.3 44.4 66.6

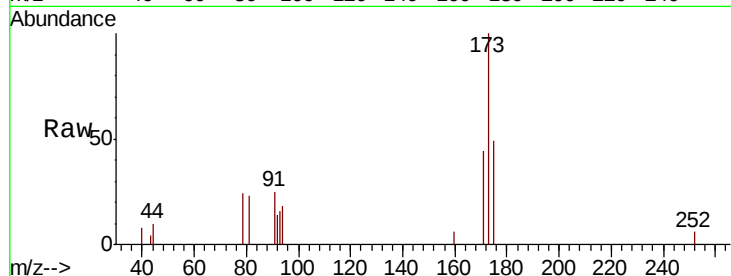




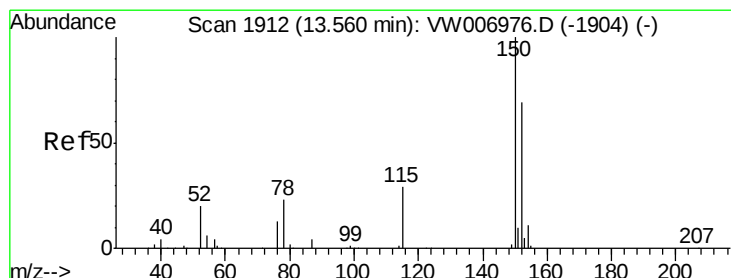
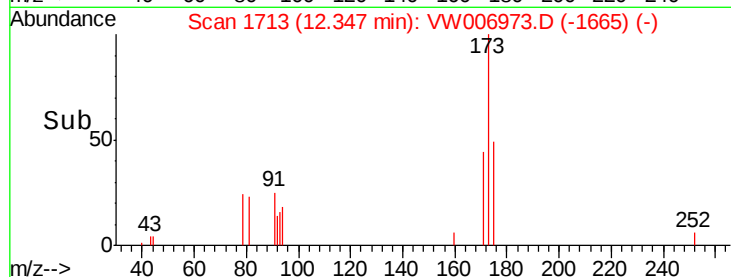
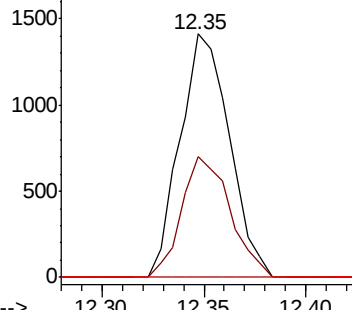
#71
Bromoform
Concen: 4.495 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 2372
Ion Ratio Lower Upper
173 100
175 48.8 24.0 72.0
254 0.0 0.0 0.0

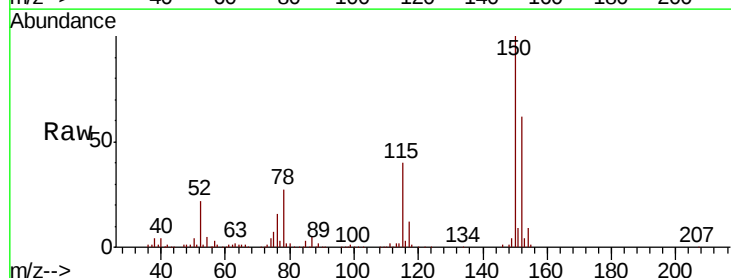


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

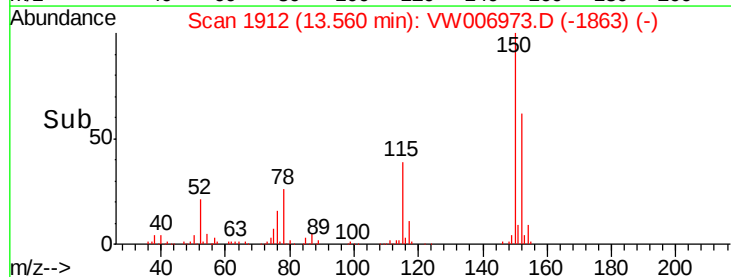
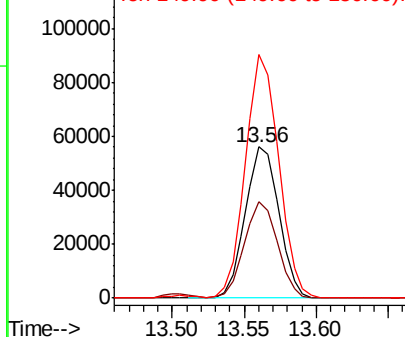


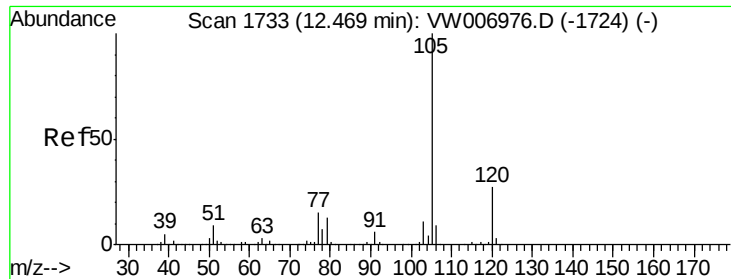
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Tgt Ion:152 Resp: 90807
Ion Ratio Lower Upper
152 100
115 62.8 31.4 94.2
150 159.4 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.766 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

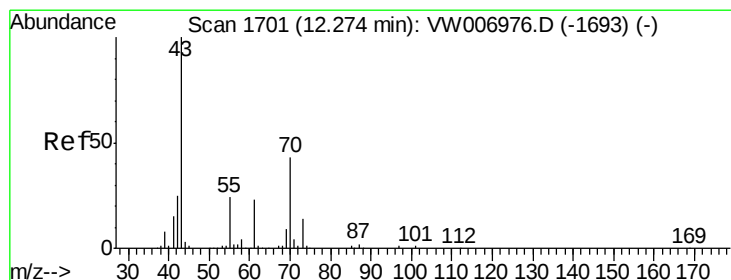
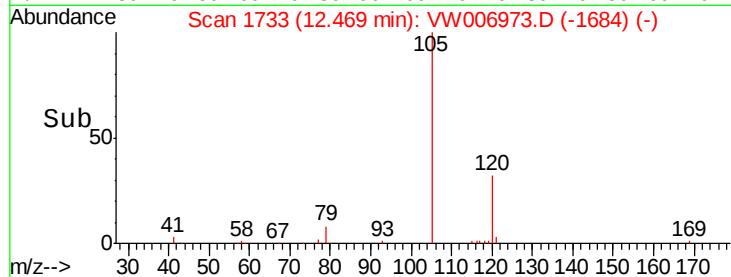
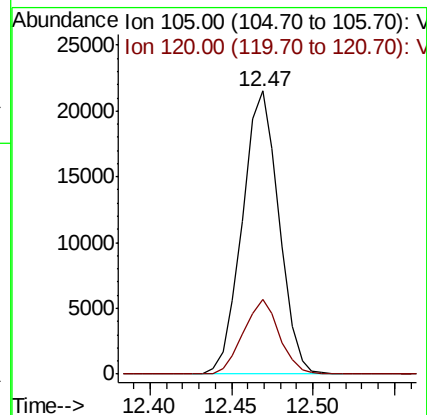
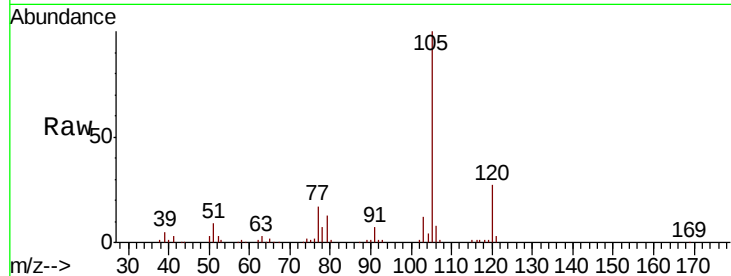
VSTDIC005

Tgt Ion: 105 Resp: 33639

Ion Ratio Lower Upper

105 100

120 25.9 13.3 39.8



#74

N-ethyl acetate

Concen: 4.367 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Tgt Ion: 43 Resp: 5165

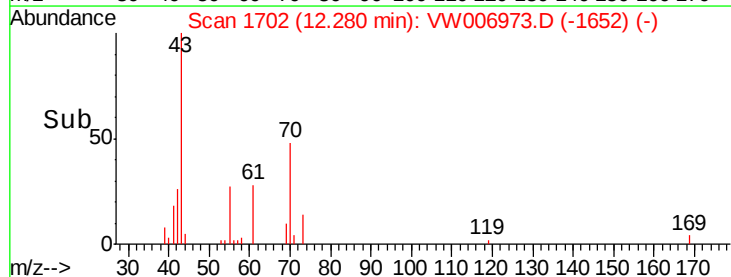
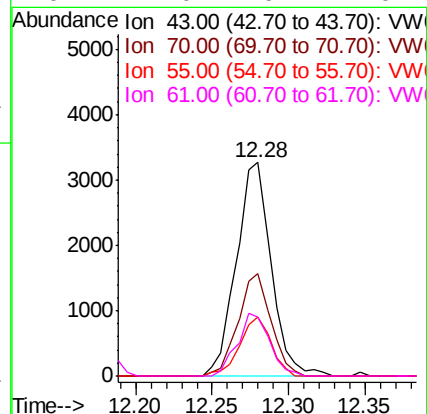
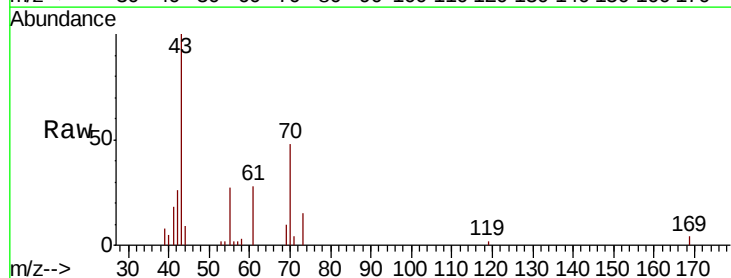
Ion Ratio Lower Upper

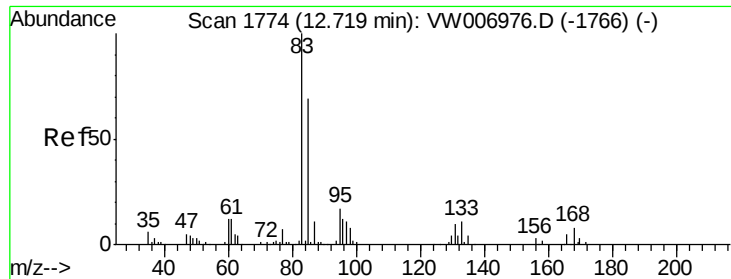
43 100

70 45.2 34.0 51.0

55 25.1 19.4 29.0

61 27.0 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 4.908 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

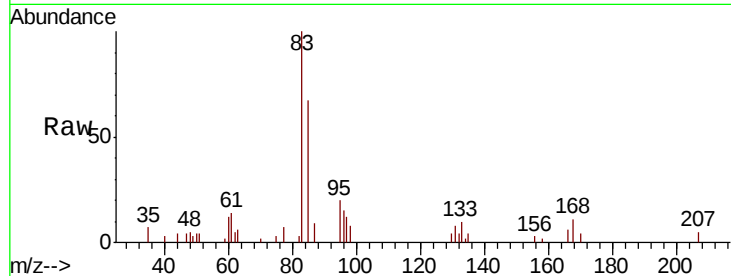
Tgt Ion: 83 Resp: 4610

Ion Ratio Lower Upper

83 100

131 9.9 5.7 17.1

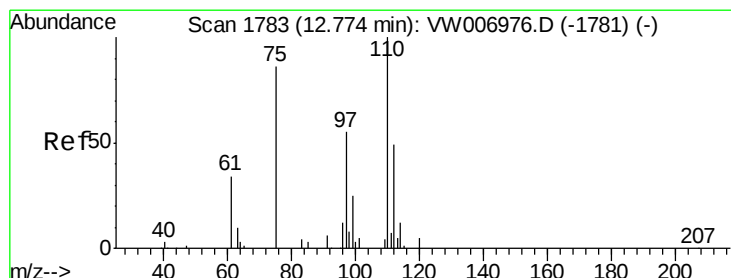
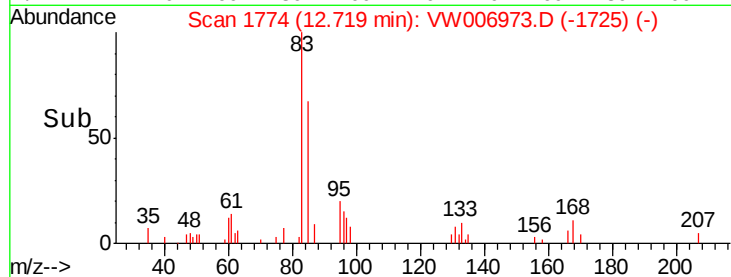
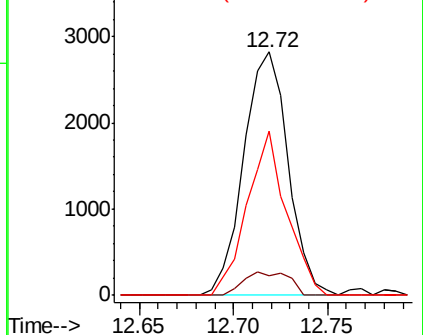
85 59.8 33.1 99.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 5.363 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW006973.D

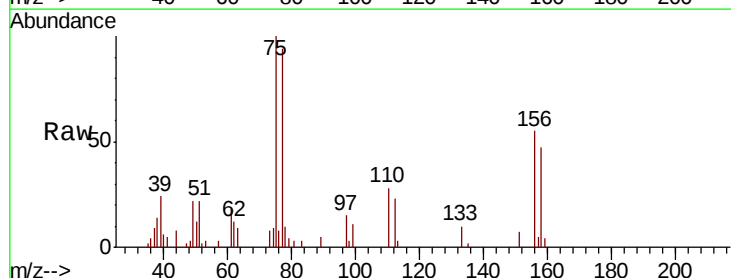
Acq: 20 Nov 2018 13:48

Tgt Ion: 75 Resp: 6303

Ion Ratio Lower Upper

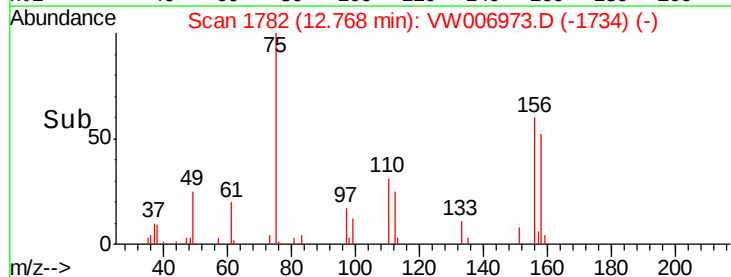
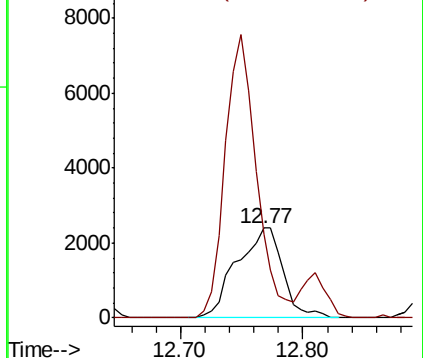
75 100

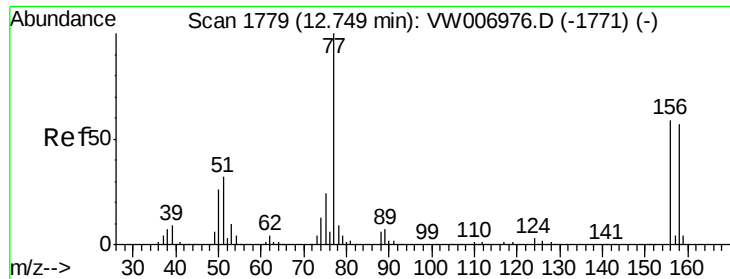
77 214.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 4.822 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

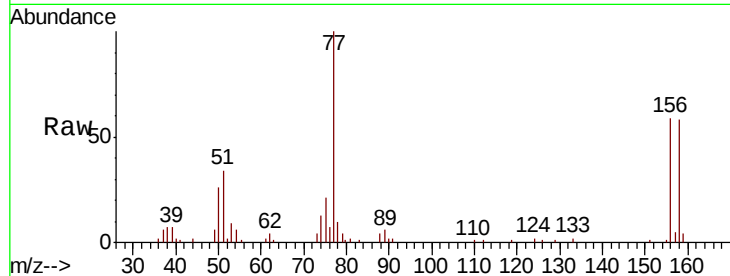
Tgt Ion: 156 Resp: 7309

Ion Ratio Lower Upper

156 100

77 185.0 94.6 283.8

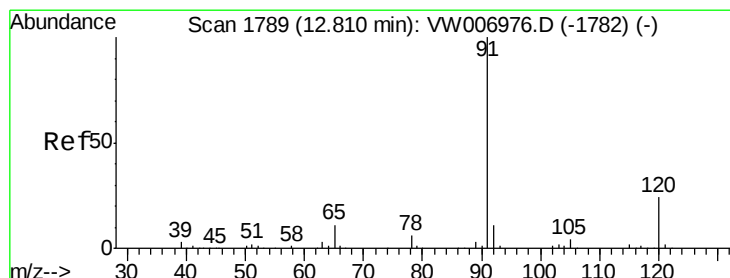
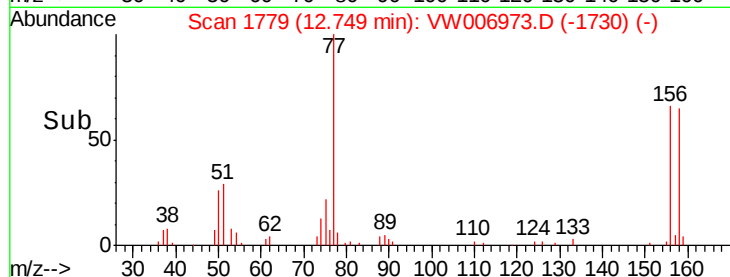
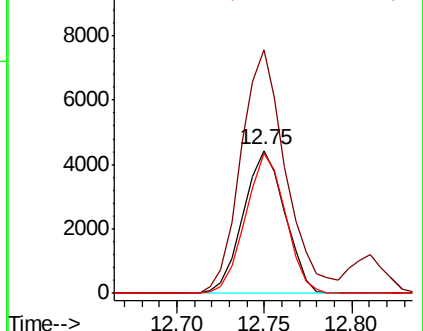
158 94.3 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.849 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006973.D

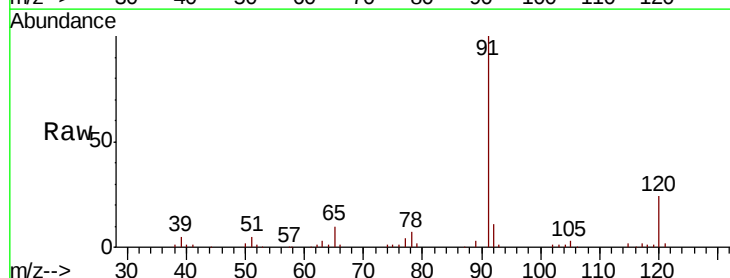
Acq: 20 Nov 2018 13:48

Tgt Ion: 91 Resp: 41449

Ion Ratio Lower Upper

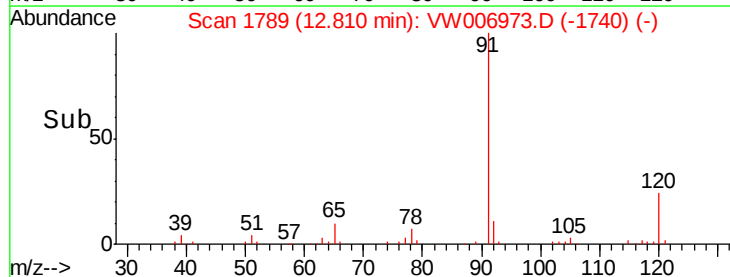
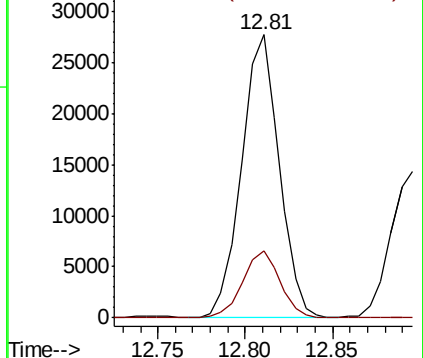
91 100

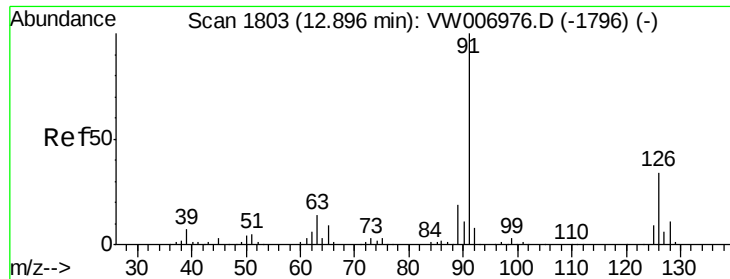
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

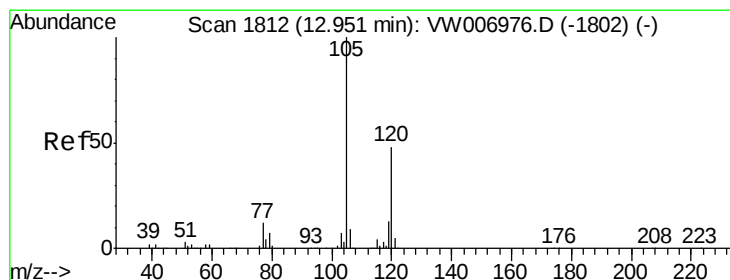
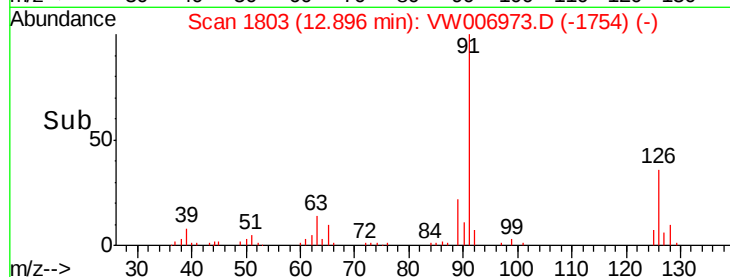
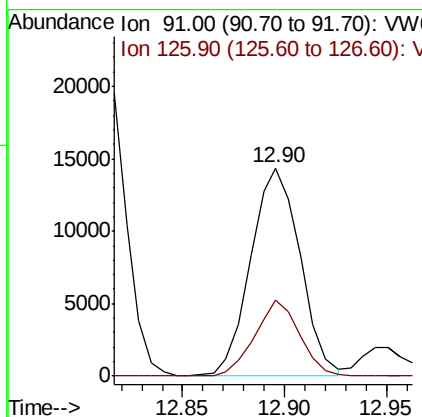
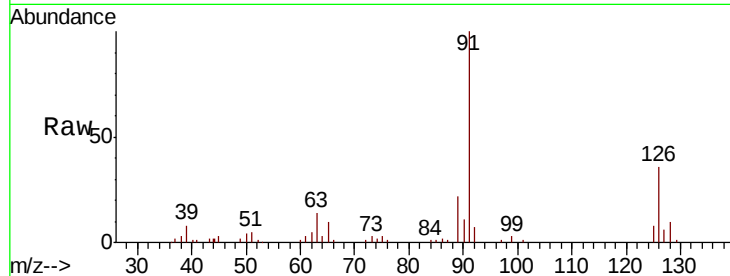




#79
 2-Chlorotoluene
 Concen: 4.920 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

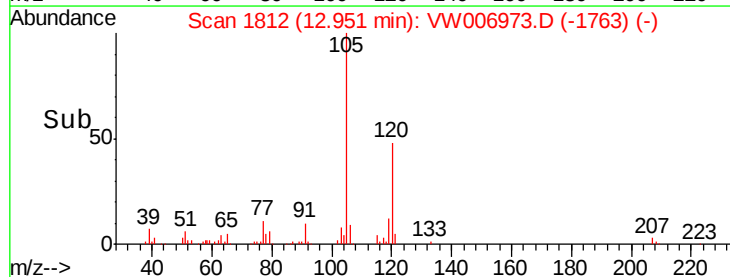
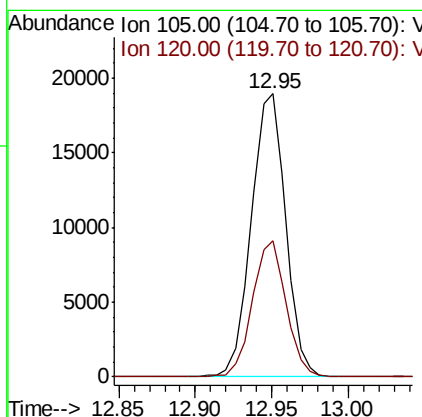
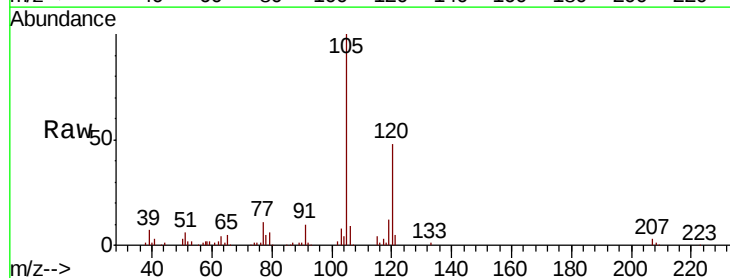
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

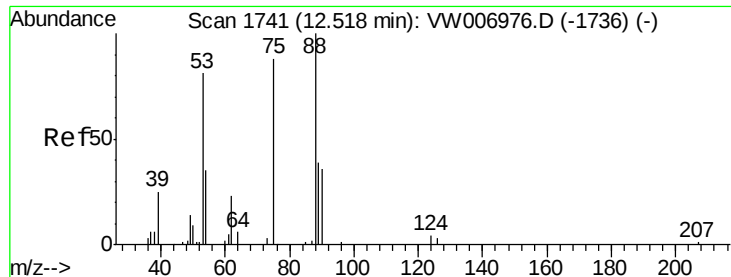
Tgt Ion: 91 Resp: 24253
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.7 50.0



#80
 1,3,5-Trimethylbenzene
 Concen: 4.852 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

Tgt Ion: 105 Resp: 29612
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 4.402 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

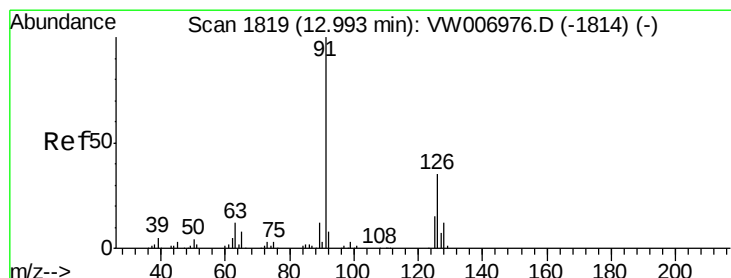
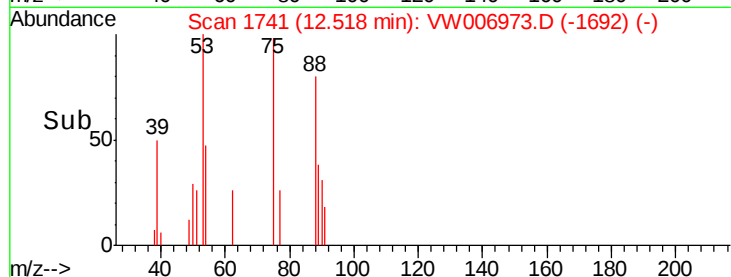
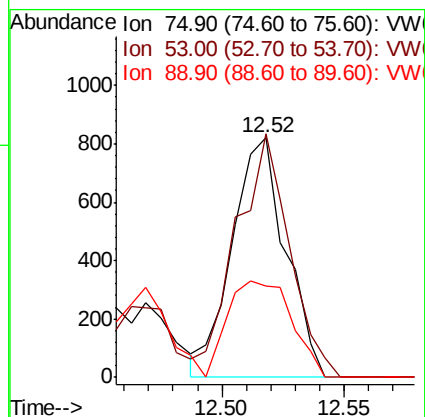
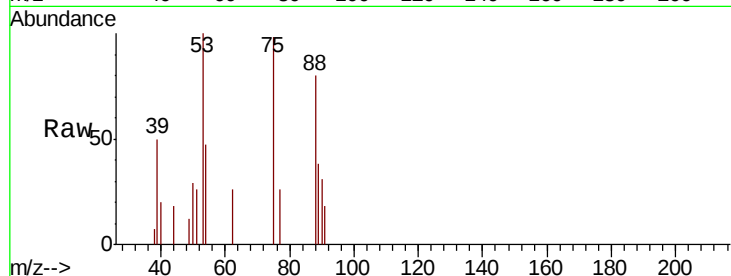
Tgt Ion: 75 Resp: 1251

Ion Ratio Lower Upper

75 100

53 101.4 77.6 116.4

89 48.0 39.3 58.9



#82

4-Chlorotoluene

Concen: 4.852 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006973.D

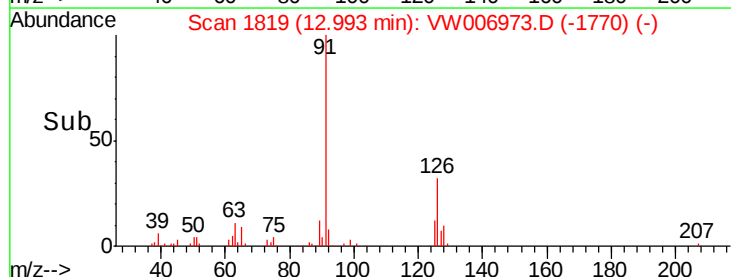
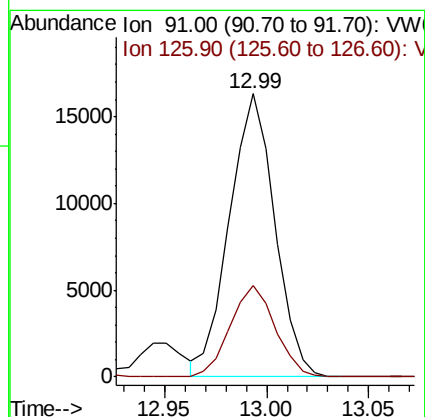
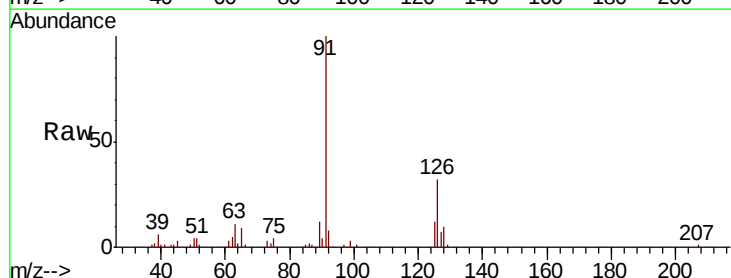
Acq: 20 Nov 2018 13:48

Tgt Ion: 91 Resp: 25100

Ion Ratio Lower Upper

91 100

126 32.0 16.6 49.7

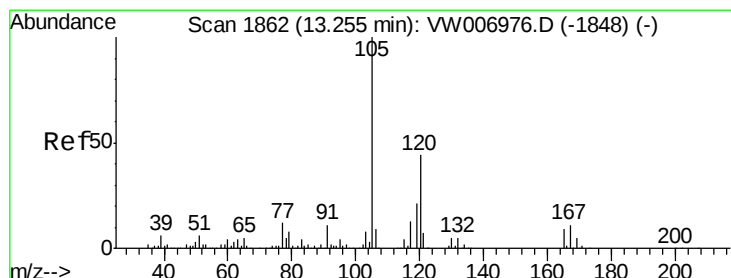
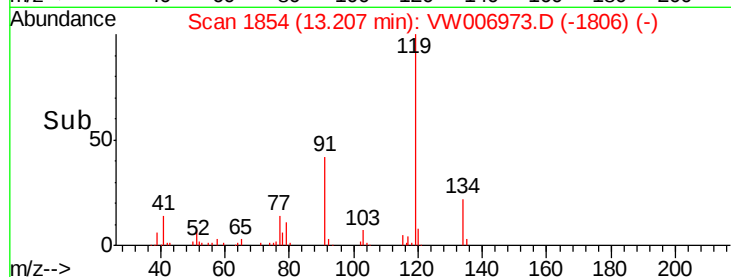
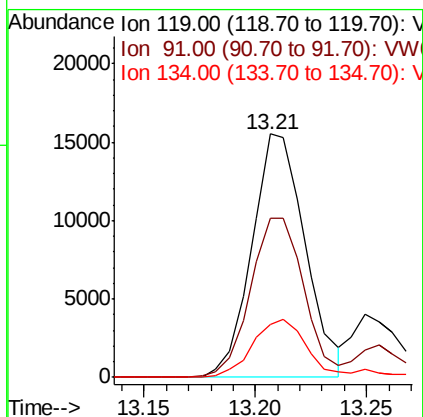
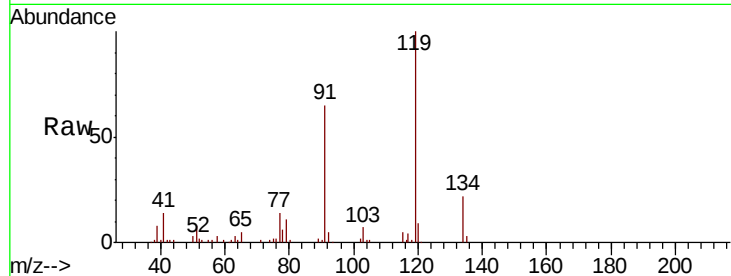




#83
 tert-Butylbenzene
 Concen: 4.893 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

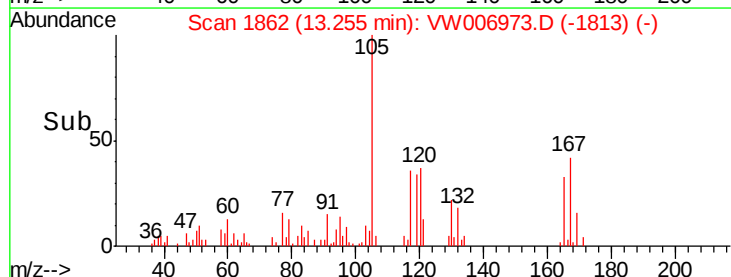
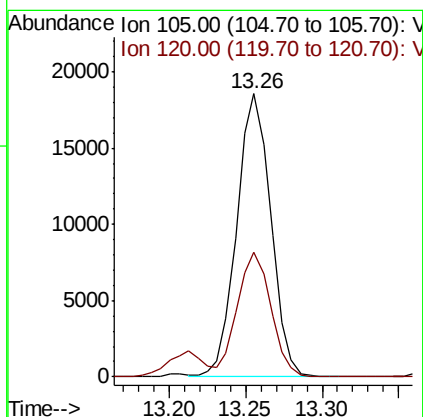
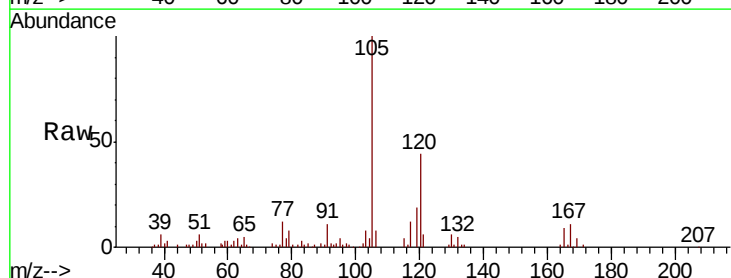
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

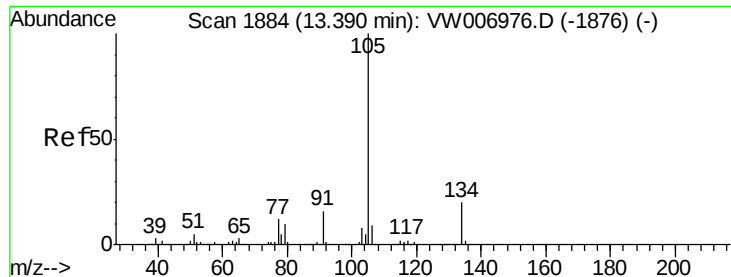
Tgt Ion:119 Resp: 25851
 Ion Ratio Lower Upper
 119 100
 91 65.5 33.5 100.5
 134 23.9 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 4.723 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

Tgt Ion:105 Resp: 28716
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.8 65.3

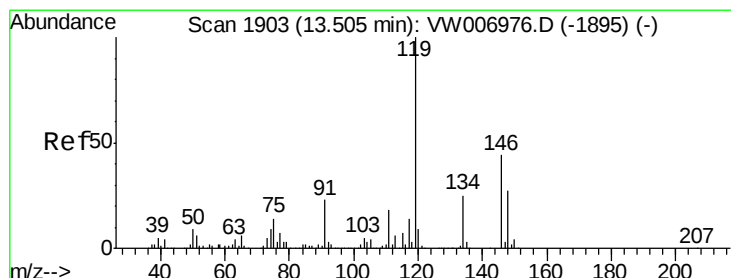
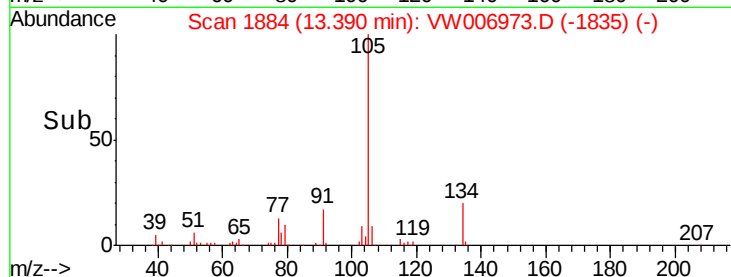
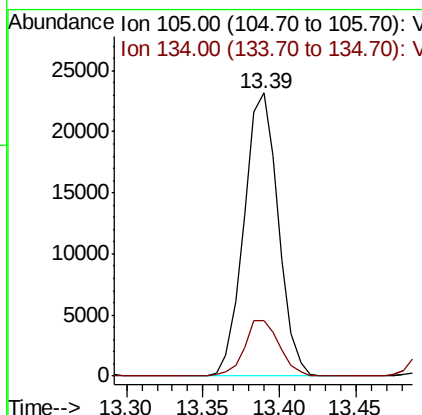
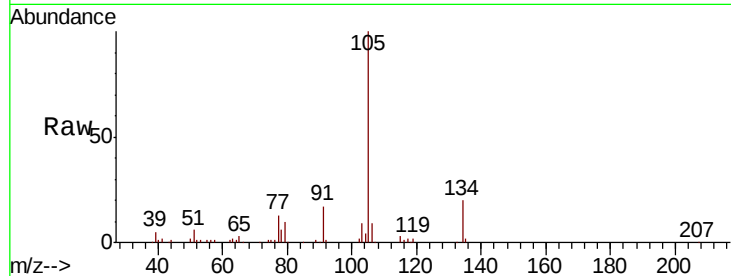




#85
 sec-Butylbenzene
 Concen: 4.826 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

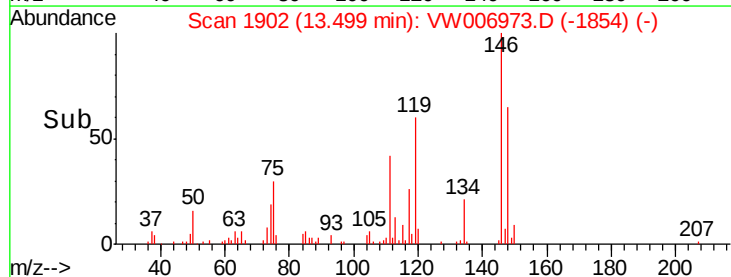
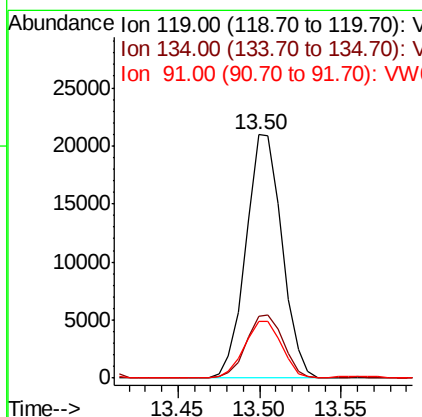
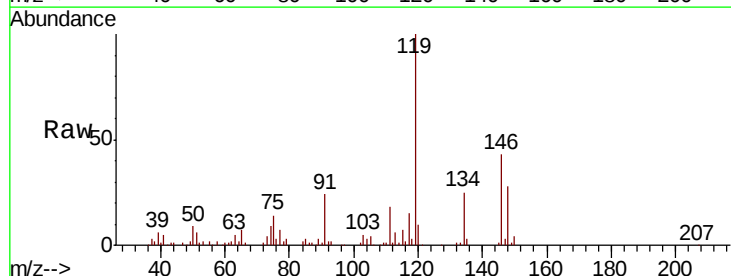
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

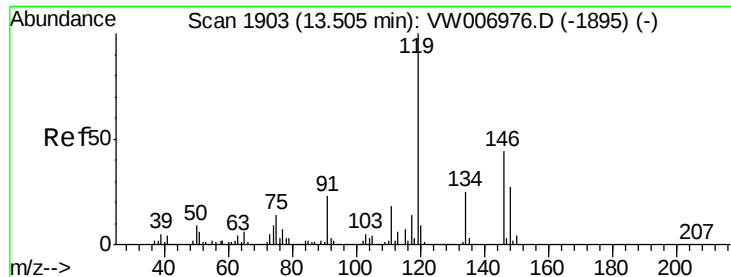
Tgt Ion:105 Resp: 36026
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 4.915 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

Tgt Ion:119 Resp: 32365
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 24.0 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 5.072 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

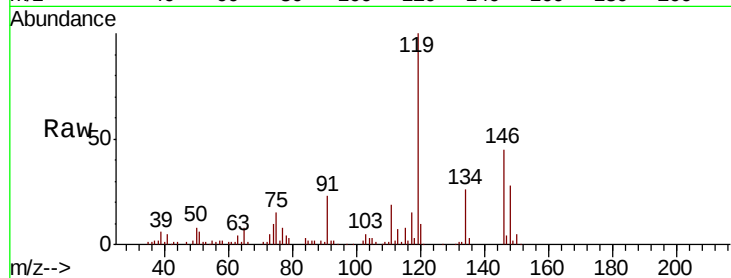
Tgt Ion:146 Resp: 15695

Ion Ratio Lower Upper

146 100

111 40.9 21.1 63.3

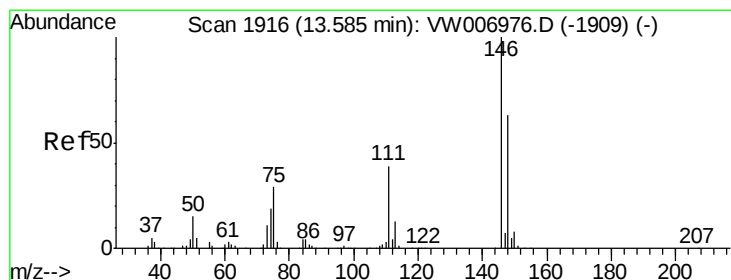
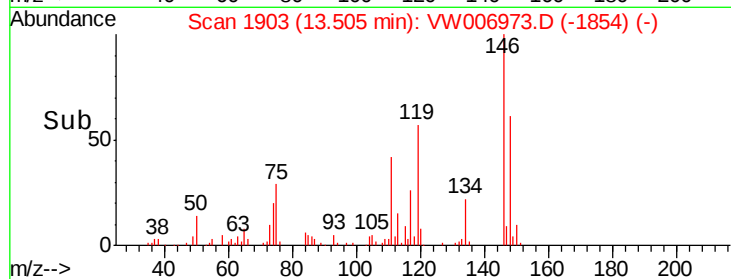
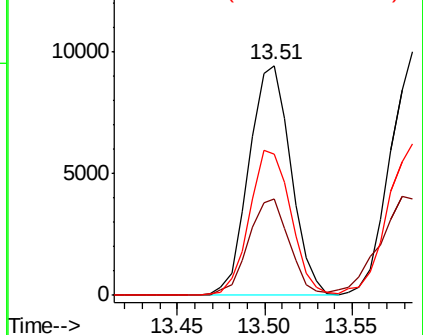
148 62.7 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 4.949 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

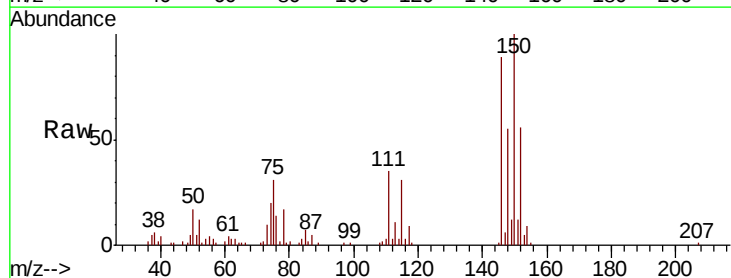
Tgt Ion:146 Resp: 15269

Ion Ratio Lower Upper

146 100

111 50.3 20.6 61.8

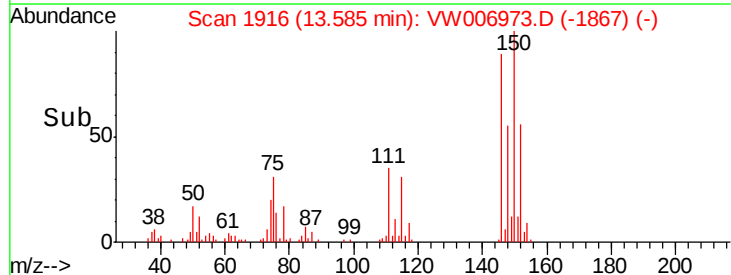
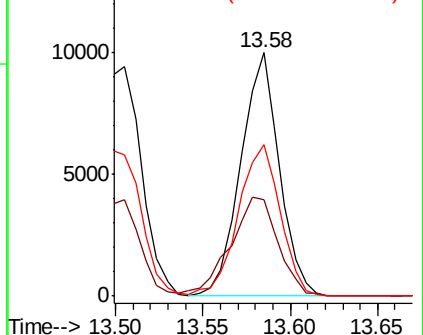
148 67.6 32.3 96.8

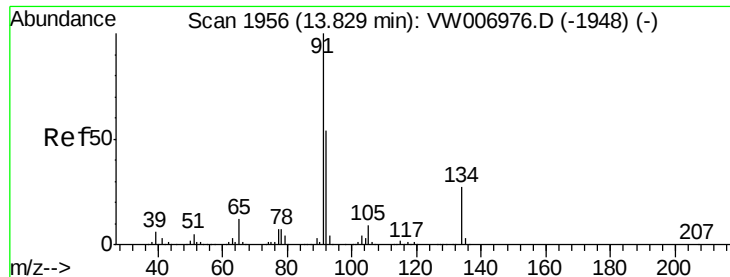


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 4.648 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006973.D

Acq: 20 Nov 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

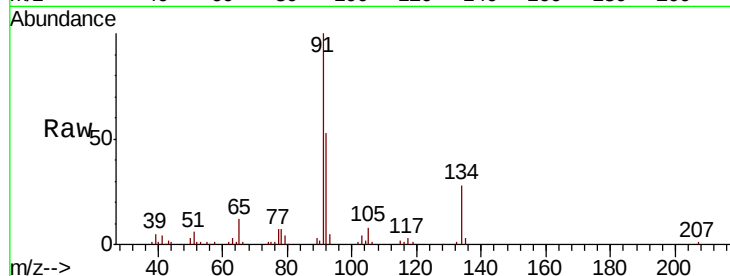
Tgt Ion: 91 Resp: 28803

Ion Ratio Lower Upper

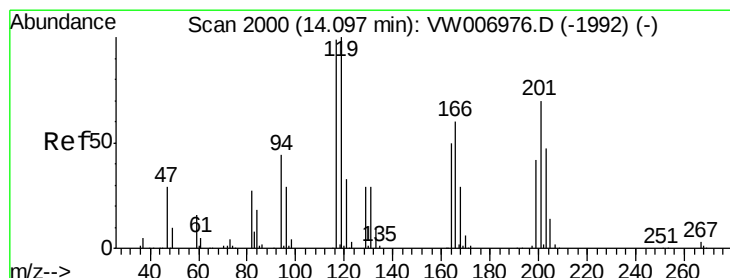
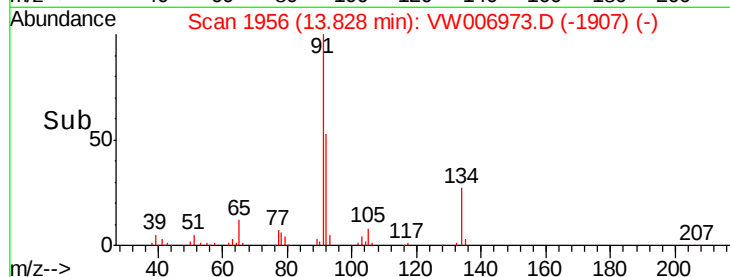
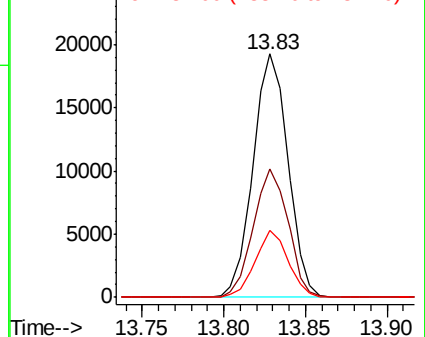
91 100

92 52.4 26.8 80.4

134 26.1 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 4.752 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW006973.D

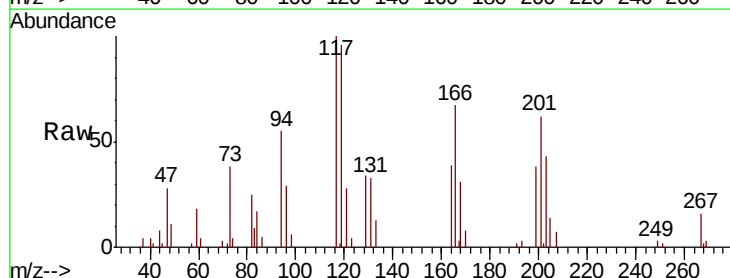
Acq: 20 Nov 2018 13:48

Tgt Ion: 117 Resp: 4569

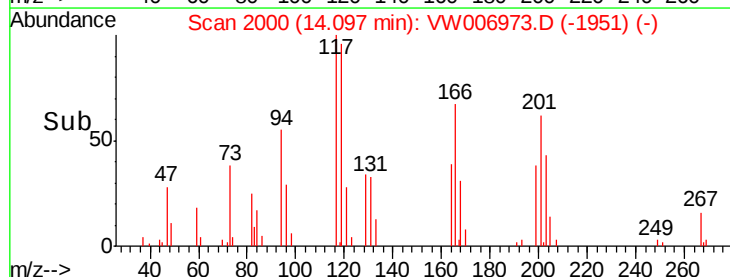
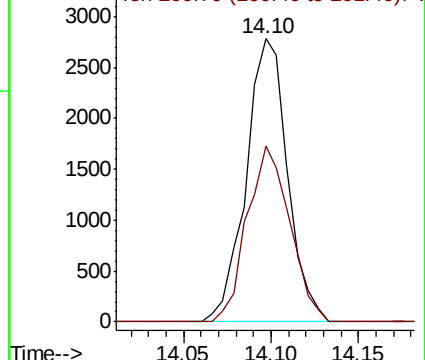
Ion Ratio Lower Upper

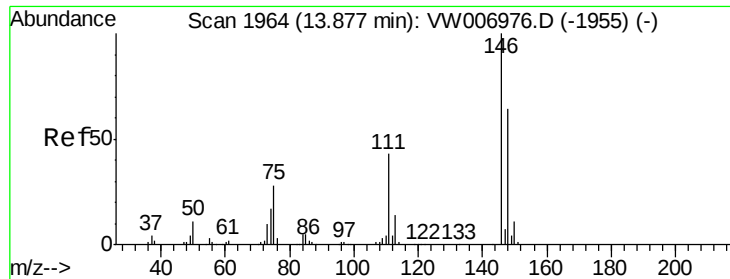
117 100

201 64.4 35.9 107.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

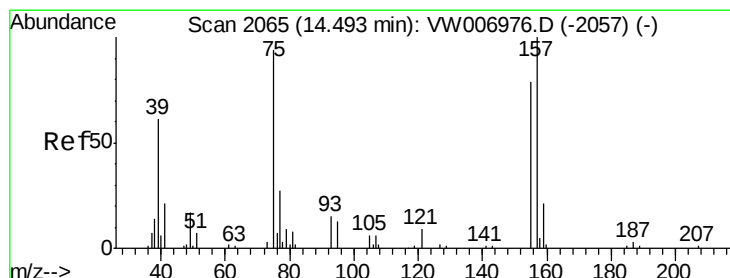
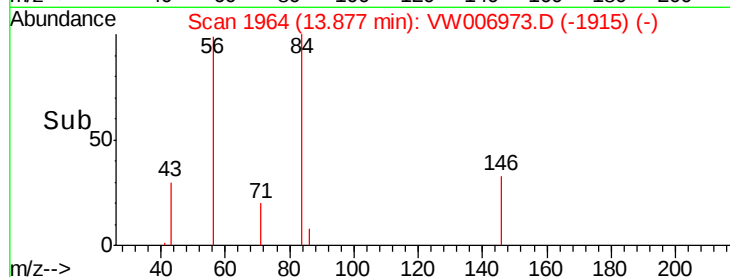
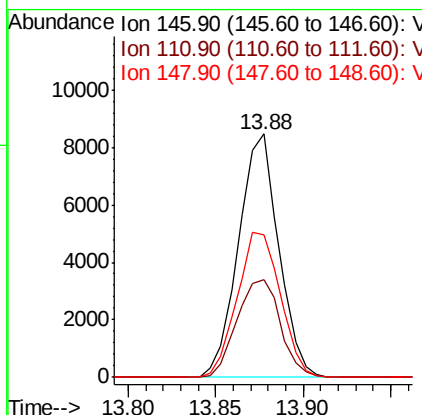
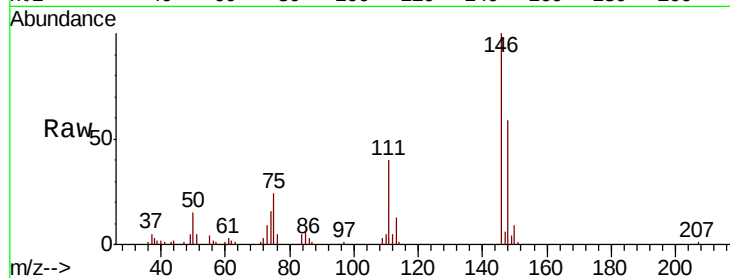




#91
 1,2-Dichlorobenzene
 Concen: 4.993 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

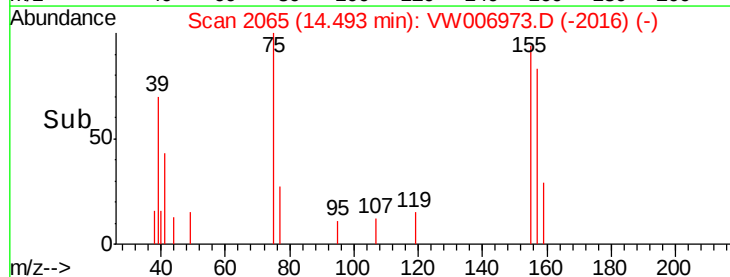
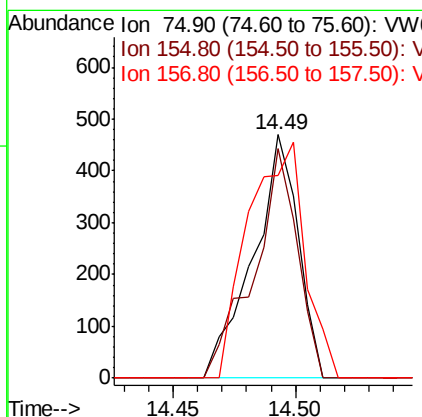
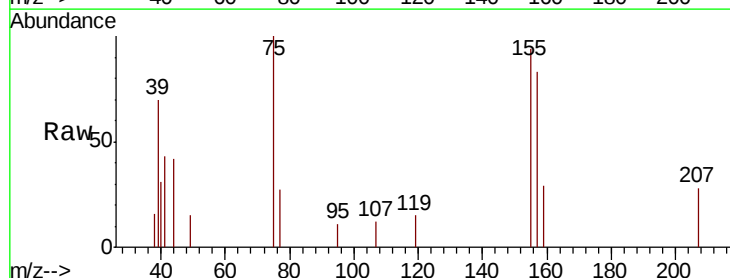
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

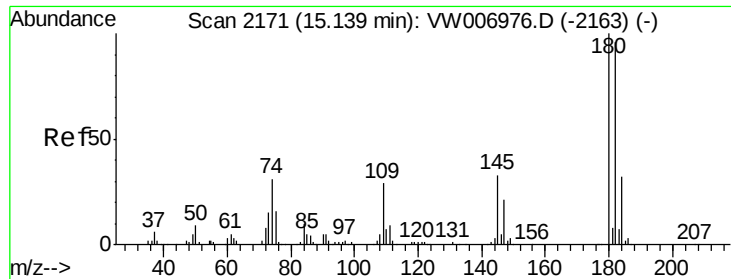
Tgt Ion:146 Resp: 13540
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.9 65.7
 148 64.1 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.814 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

Tgt Ion: 75 Resp: 605
 Ion Ratio Lower Upper
 75 100
 155 91.1 42.6 127.8
 157 121.0 55.0 165.0

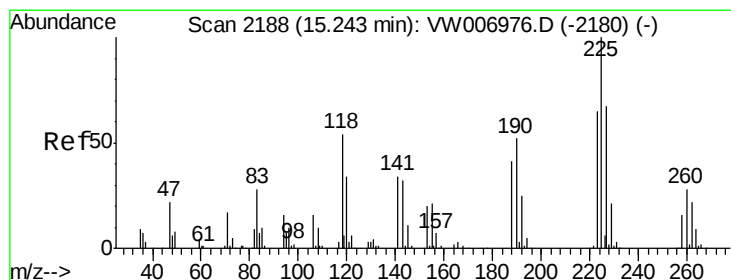
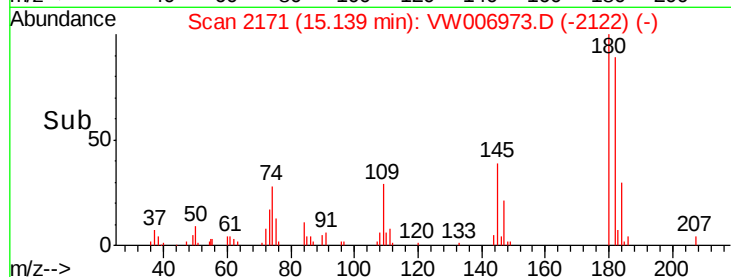
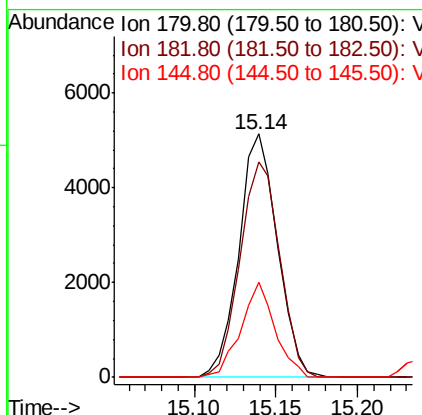
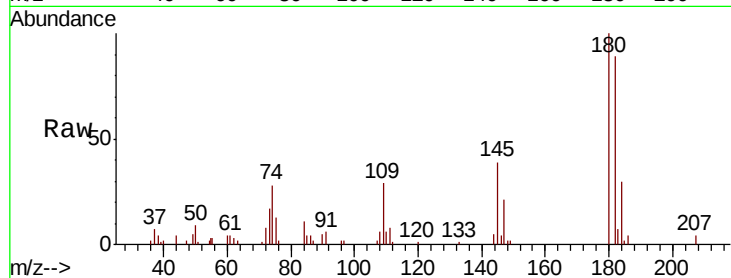




#93
 1,2,4-Trichlorobenzene
 Concen: 4.731 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

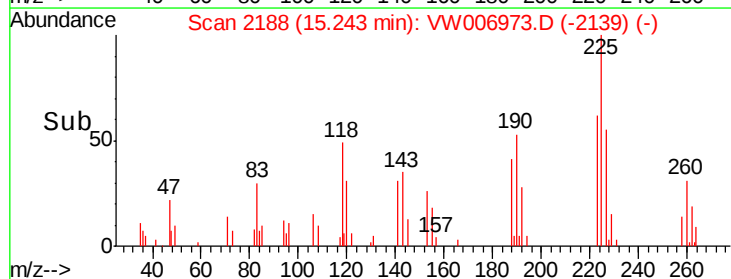
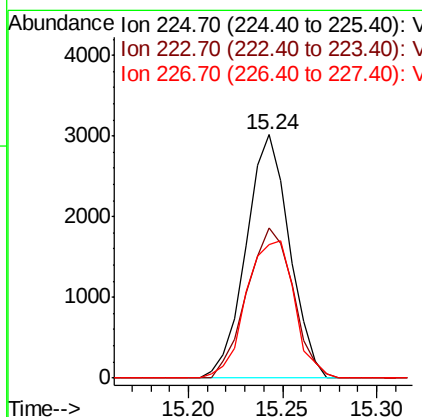
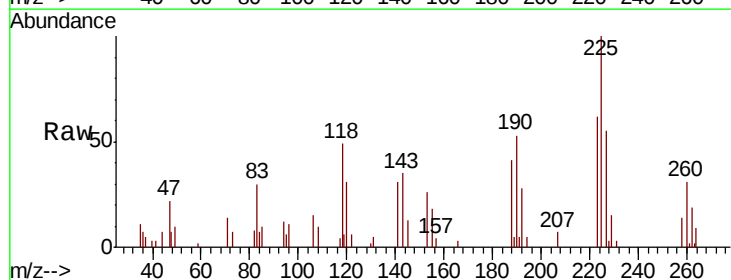
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

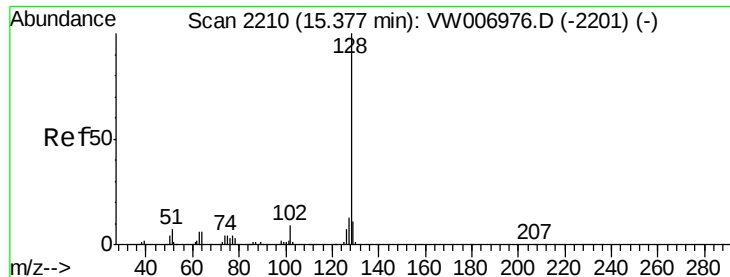
Tgt Ion:180 Resp: 8459
 Ion Ratio Lower Upper
 180 100
 182 90.7 47.1 141.3
 145 34.9 16.5 49.5



#94
 Hexachlorobutadiene
 Concen: 4.950 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006973.D
 Acq: 20 Nov 2018 13:48

Tgt Ion:225 Resp: 4812
 Ion Ratio Lower Upper
 225 100
 223 65.8 32.4 97.0
 227 62.7 31.9 95.5

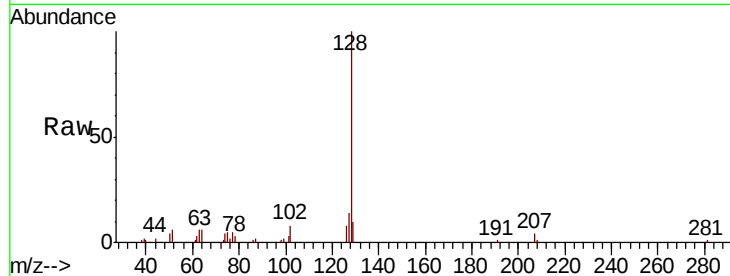




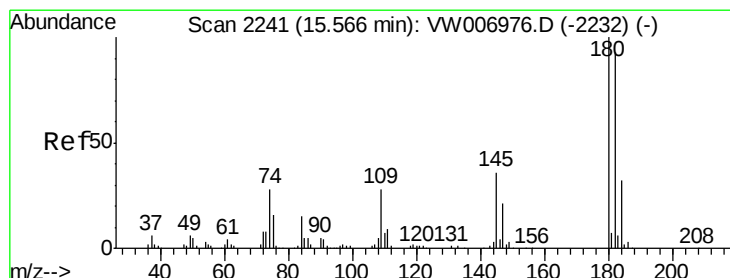
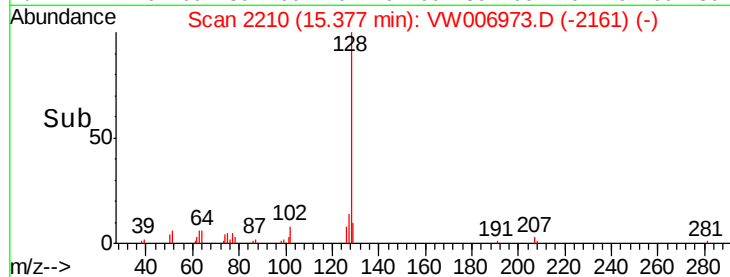
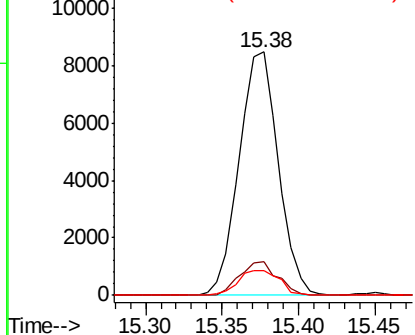
#95
Naphthalene
Concen: 4.641 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 15063
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.8 8.7 13.1

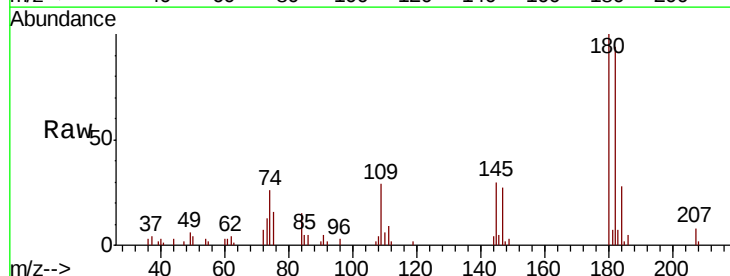


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 4.660 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006973.D
Acq: 20 Nov 2018 13:48

Tgt Ion:180 Resp: 6913
Ion Ratio Lower Upper
180 100
182 93.0 47.0 141.2
145 34.8 18.0 54.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

